

Data File : VW006861.D  
Acq On : 13 Nov 2018 18:10  
Operator : SY/AP  
Sample : J5895-01  
Misc : 8.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-1

Quant Time: Nov 14 04:05:12 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 12 14:58:58 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.96  | 168  | 102592   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 140195   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 125944   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 67886    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 26688    | 35.59 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 71.18% |      |
| 35) Dibromofluoromethane    | 7.89   | 113 | 29847    | 35.75 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 71.50% |      |
| 50) Toluene-d8              | 10.33  | 98  | 137988   | 39.88 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 79.76% |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 53188    | 41.73 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 83.46% |      |

| Target Compounds               |       |     |        |         | Qvalue |     |
|--------------------------------|-------|-----|--------|---------|--------|-----|
| 8) Diethyl Ether               | 3.69  | 74  | 1142   | 2.877   | ug/l   | 89  |
| 16) Acetone                    | 4.13  | 43  | 3135   | 29.107  | ug/l   | 99  |
| 20) Methylene Chloride         | 4.93  | 84  | 6144   | 1.191   | ug/l   | 89  |
| 25) 2-Butanone                 | 7.20  | 43  | 290    | 1.592   | ug/l # | 43  |
| 31) Cyclohexane                | 7.95  | 56  | 7534   | 5.243   | ug/l # | 82  |
| 36) 1,1-Dichloropropene        | 7.96  | 75  | 5626   | 4.288   | ug/l # | 47  |
| 38) Carbon Tetrachloride       | 7.95  | 117 | 8153   | 5.718   | ug/l # | 16  |
| 39) Methylcyclohexane          | 9.34  | 83  | 43853  | 25.764  | ug/l   | 97  |
| 43) Isopropyl Acetate          | 8.43  | 43  | 1211   | 1.451   | ug/l # | 48  |
| 47) Bromodichloromethane       | 9.62  | 83  | 1933   | 1.647   | ug/l # | 25  |
| 48) Methyl methacrylate        | 9.39  | 41  | 2141   | 5.234   | ug/l # | 35  |
| 51) 4-Methyl-2-Pentanone       | 10.32 | 43  | 2888   | 6.903   | ug/l   | 87  |
| 55) 1,1,2-Trichloroethane      | 10.76 | 97  | 19954  | 28.412  | ug/l # | 23  |
| 56) Ethyl methacrylate         | 10.67 | 69  | 5678   | 7.377   | ug/l # | 18  |
| 59) 2-Hexanone                 | 10.94 | 43  | 17568  | 60.880  | ug/l # | 29  |
| 64) Tetrachloroethene          | 10.86 | 164 | 1459   | 1.446   | ug/l   | 87  |
| 67) Ethyl Benzene              | 11.74 | 91  | 68016  | 14.279  | ug/l   | 99  |
| 68) m/p-Xylenes                | 11.85 | 106 | 21180  | 10.868  | ug/l   | 91  |
| 73) Isopropylbenzene           | 12.47 | 105 | 33687  | 7.149   | ug/l   | 99  |
| 74) N-amyl acetate             | 12.26 | 43  | 15752  | 22.108  | ug/l # | 49  |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83  | 868    | 1.332   | ug/l # | 1   |
| 76) 1,2,3-Trichloropropane     | 12.82 | 75  | 1077   | 2.201   | ug/l # | 100 |
| 78) n-propylbenzene            | 12.81 | 91  | 159371 | 28.656  | ug/l   | 97  |
| 79) 2-Chlorotoluene            | 12.90 | 91  | 12090  | 3.875   | ug/l # | 42  |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105 | 76400  | 18.860  | ug/l   | 99  |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75  | 21360  | 107.997 | ug/l # | 13  |
| 82) 4-Chlorotoluene            | 12.95 | 91  | 7364   | 2.212   | ug/l # | 45  |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105 | 262320 | 63.631  | ug/l   | 97  |
| 85) sec-Butylbenzene           | 13.39 | 105 | 16875  | 3.326   | ug/l # | 42  |
| 86) p-Isopropyltoluene         | 13.51 | 119 | 12610  | 2.732   | ug/l   | 97  |
| 89) n-Butylbenzene             | 13.83 | 91  | 66794  | 15.836  | ug/l # | 73  |
| 90) Hexachloroethane           | 14.10 | 117 | 19309  | 26.146  | ug/l # | 3   |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75  | 387    | 3.708   | ug/l # | 1   |
| 95) Naphthalene                | 15.38 | 128 | 80733  | 33.907  | ug/l   | 98  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW111318\  
Quantitation Report (Not Reviewed)

Data File : VW006861.D  
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Instrument :  
MSVOA\_W  
ClientSampleId :  
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Quant Time: Nov 14 04:05:12 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 12 14:58:58 2018  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

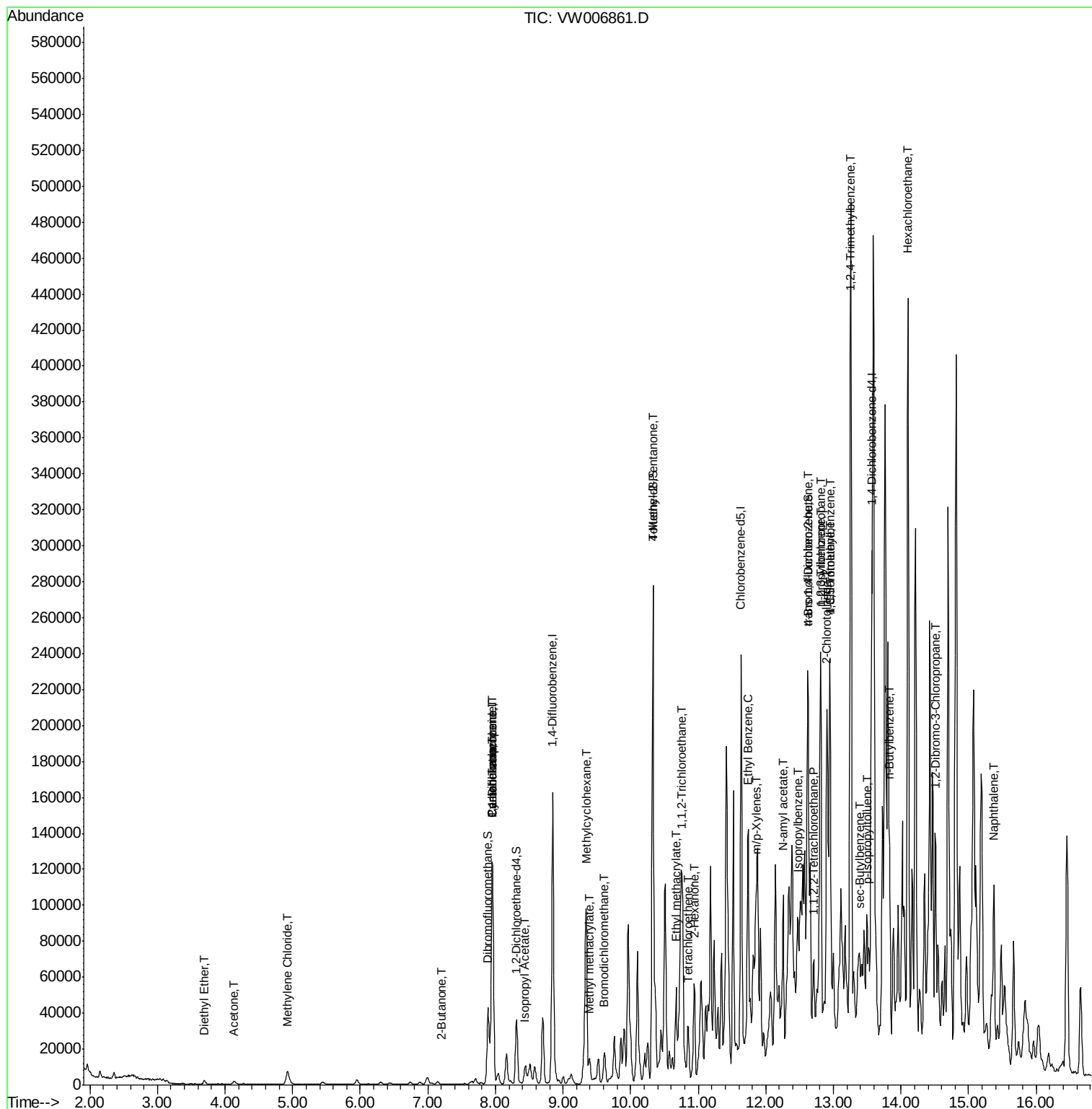
|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

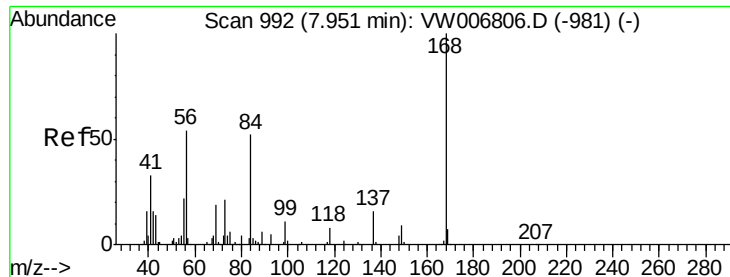
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

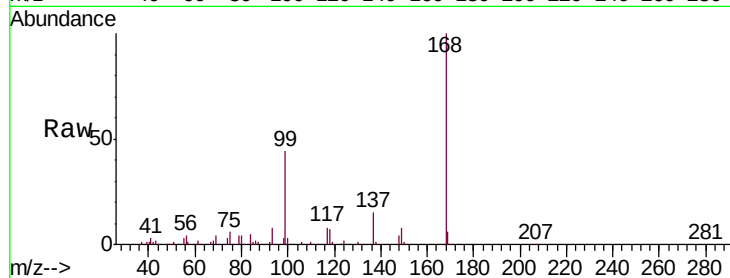
SB-1

Tgt Ion:168 Resp: 102592

Ion Ratio Lower Upper

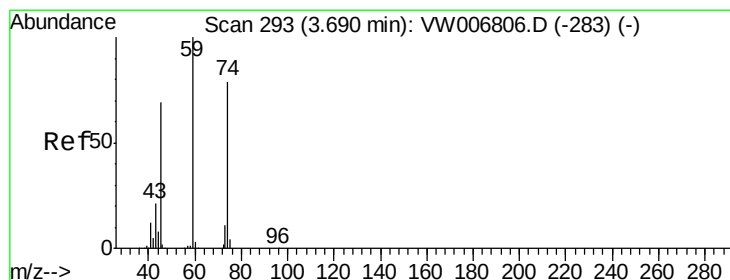
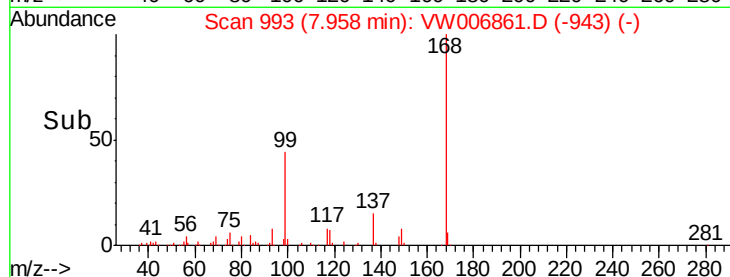
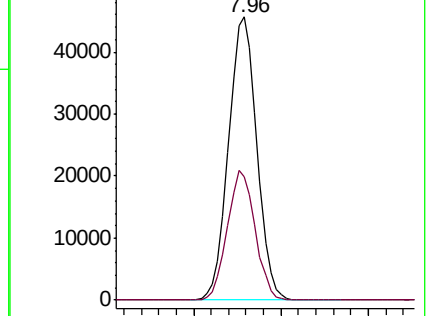
168 100

99 43.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.877 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW006861.D

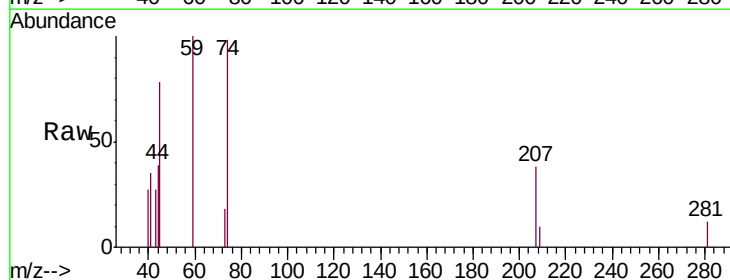
Acq: 13 Nov 2018 18:10

Tgt Ion: 74 Resp: 1142

Ion Ratio Lower Upper

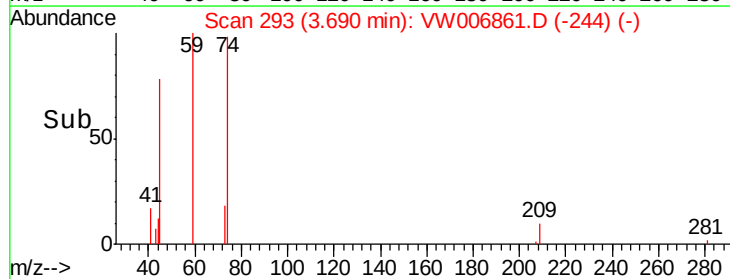
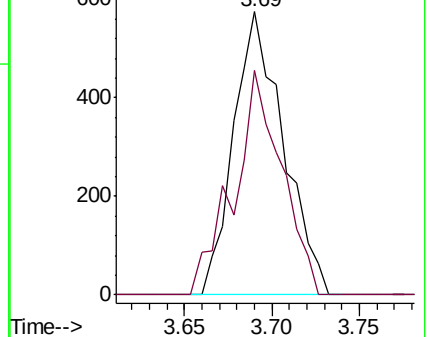
74 100

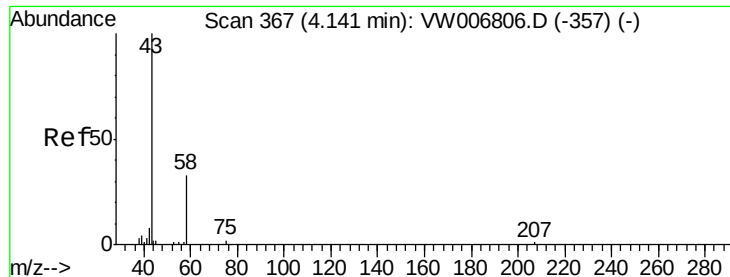
45 76.3 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 29.107 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

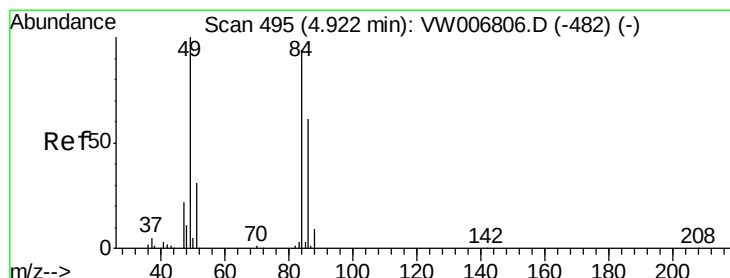
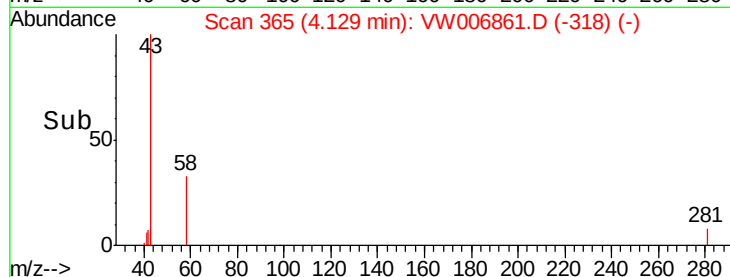
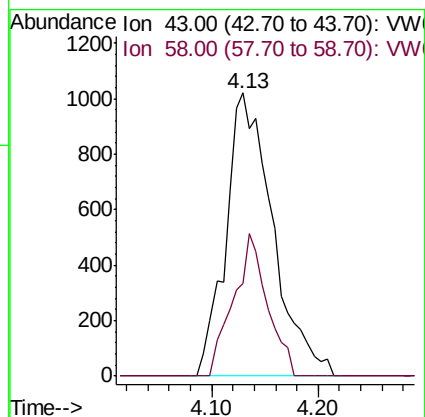
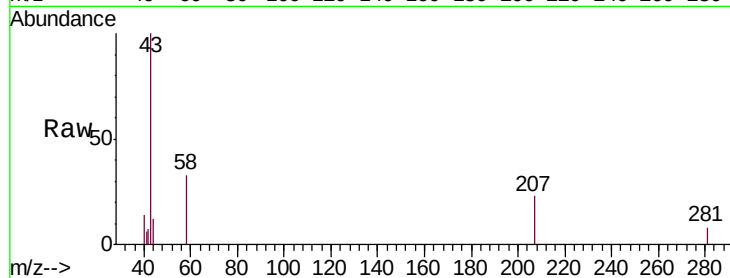
SB-1

Tgt Ion: 43 Resp: 3135

Ion Ratio Lower Upper

43 100

58 32.6 26.5 39.7



#20

Methylene Chloride

Concen: 1.191 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Tgt Ion: 84 Resp: 6144

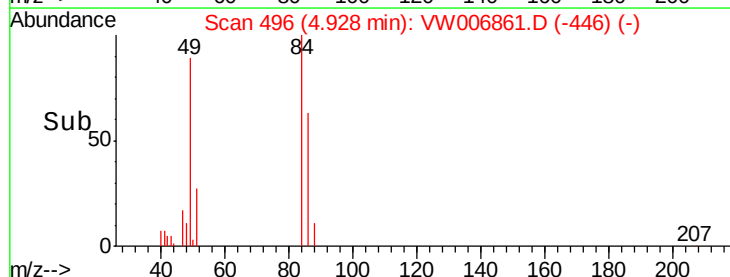
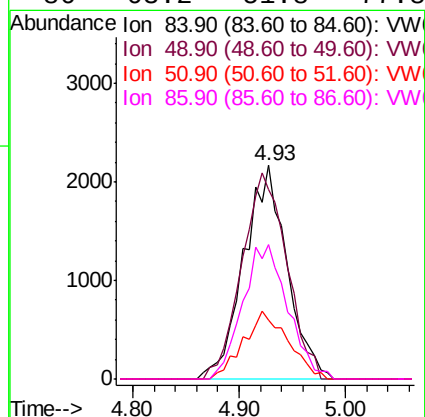
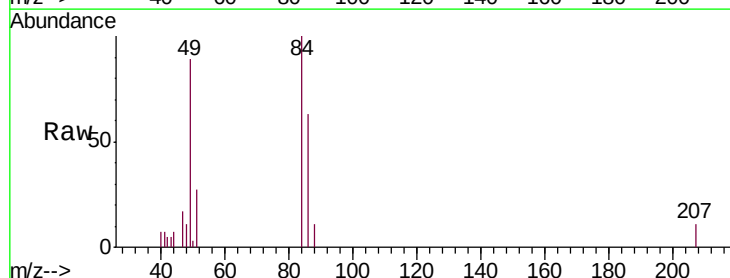
Ion Ratio Lower Upper

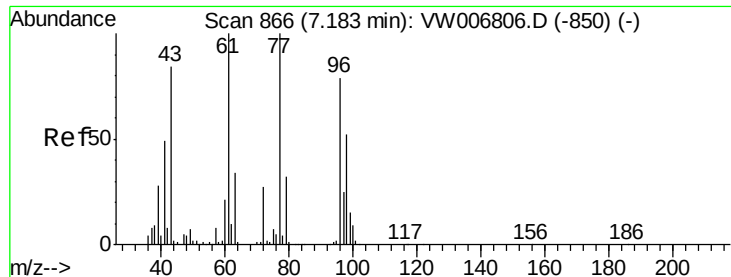
84 100

49 88.7 84.8 127.2

51 27.3 26.2 39.4

86 63.2 51.8 77.8





#25

2-Butanone

Concen: 1.592 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

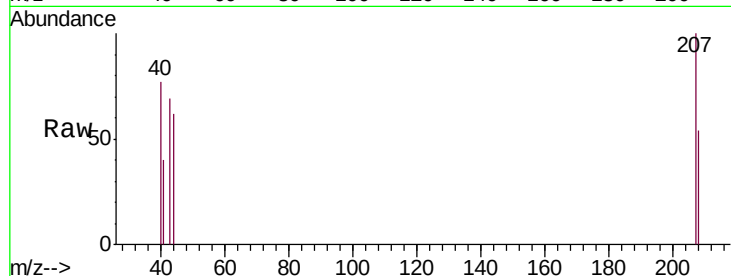
SB-1

Tgt Ion: 43 Resp: 290

Ion Ratio Lower Upper

43 100

72 0.0 25.3 37.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.20

100

80

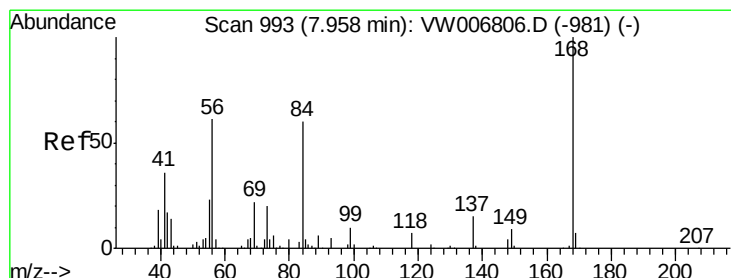
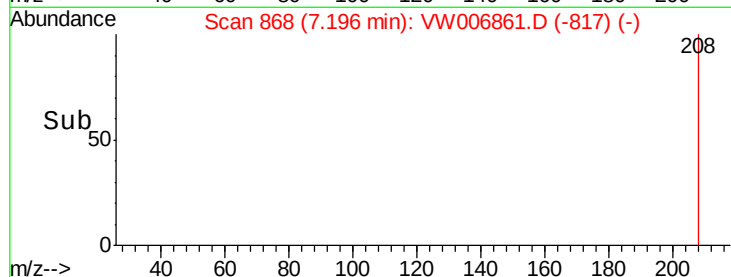
60

40

20

0

Time-->



#31

Cyclohexane

Concen: 5.243 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

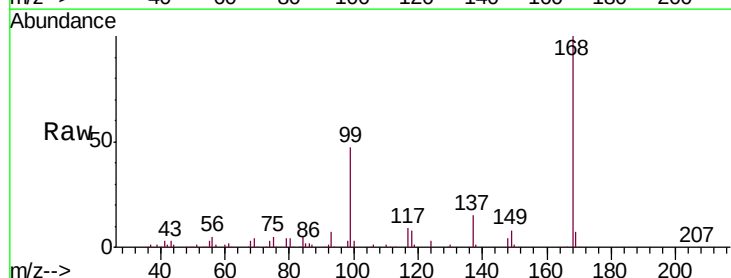
Tgt Ion: 56 Resp: 7534

Ion Ratio Lower Upper

56 100

69 75.4 28.9 43.3#

84 99.3 79.0 118.4



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

3000

2500

2000

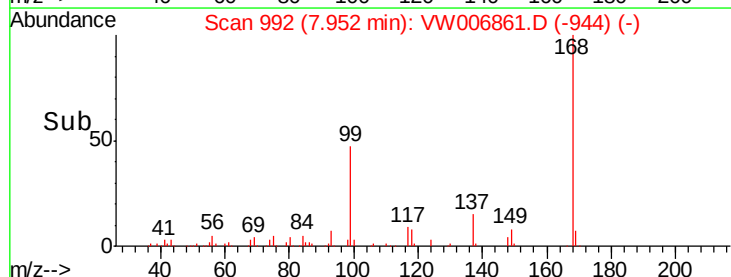
1500

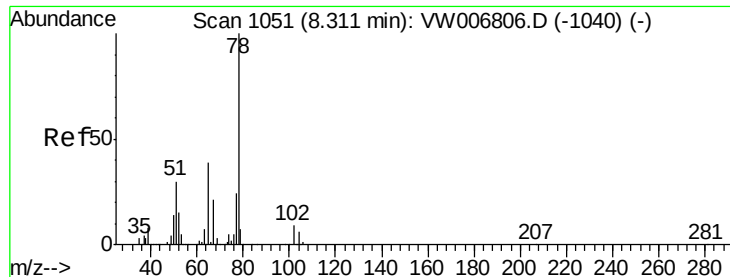
1000

500

0

Time-->

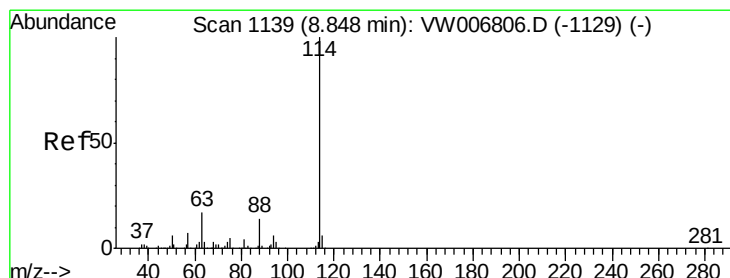
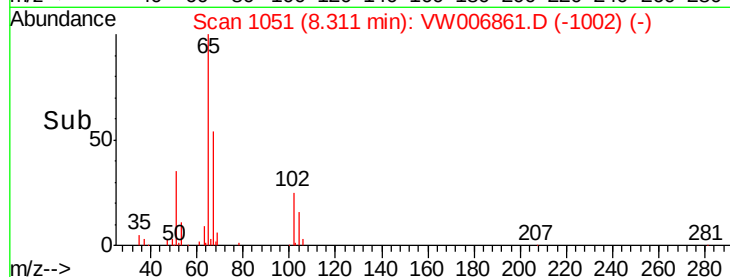
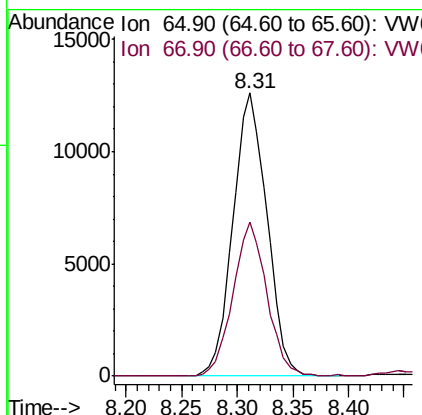
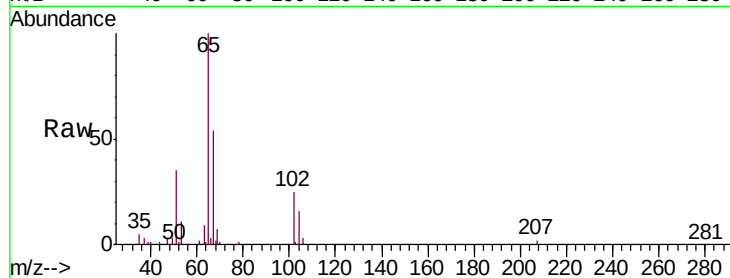




#33  
 1,2-Dichloroethane-d4  
 Concen: 35.585 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW006861.D  
 Acq: 13 Nov 2018 18:10

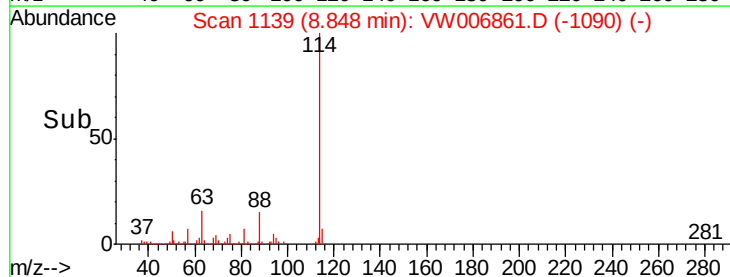
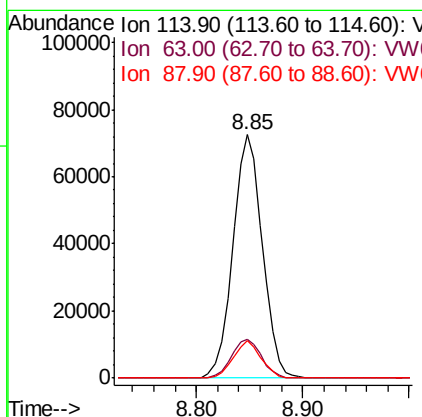
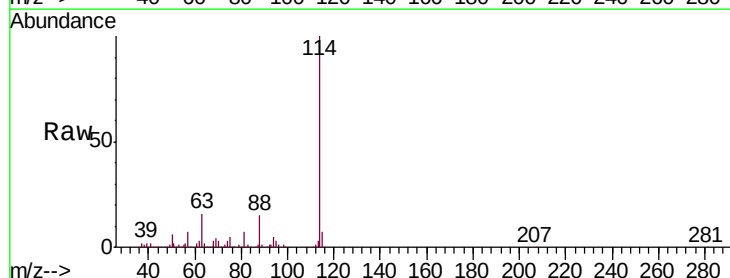
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 SB-1

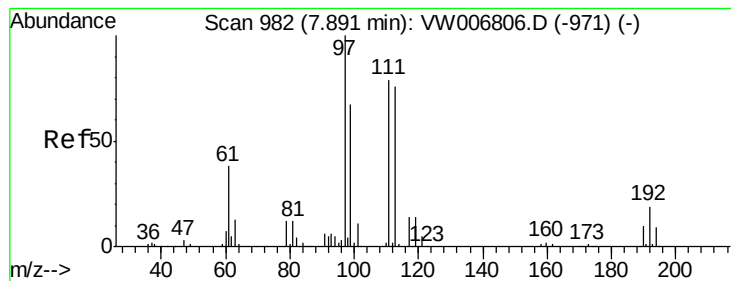
Tgt Ion: 65 Resp: 26688  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006861.D  
 Acq: 13 Nov 2018 18:10

Tgt Ion: 114 Resp: 140195  
 Ion Ratio Lower Upper  
 114 100  
 63 16.1 0.0 33.6  
 88 15.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 35.753 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

SB-1

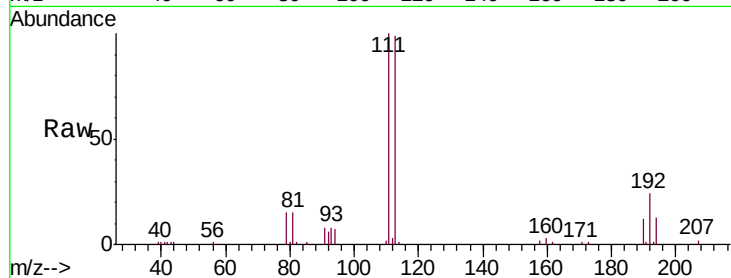
Tgt Ion:113 Resp: 29847

Ion Ratio Lower Upper

113 100

111 101.0 81.0 121.6

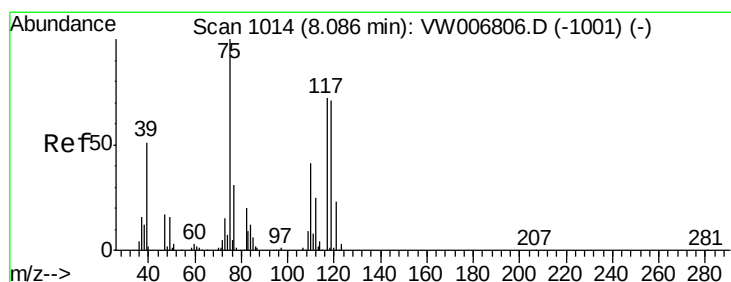
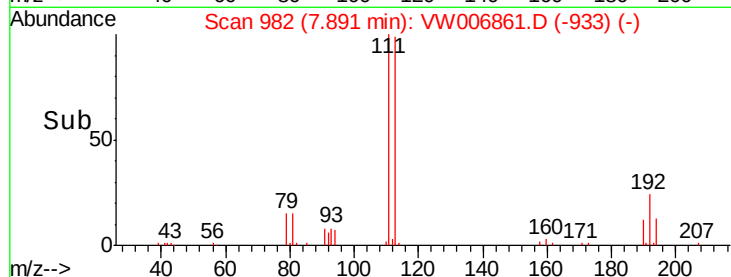
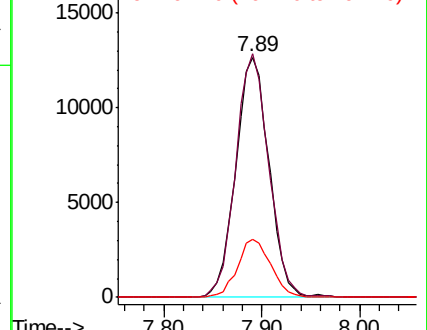
192 24.2 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.288 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

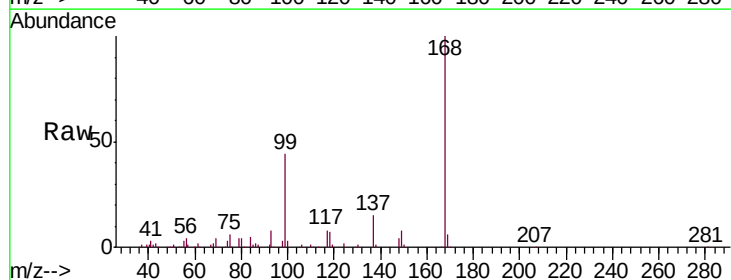
Tgt Ion: 75 Resp: 5626

Ion Ratio Lower Upper

75 100

110 9.5 19.9 59.6#

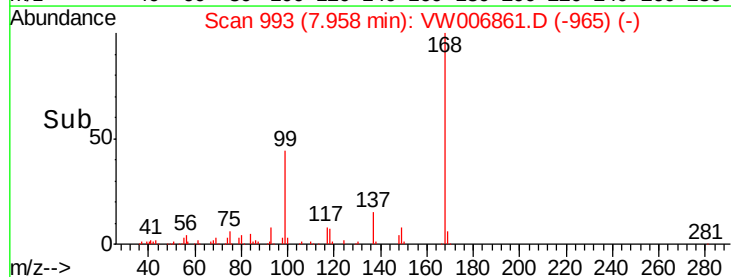
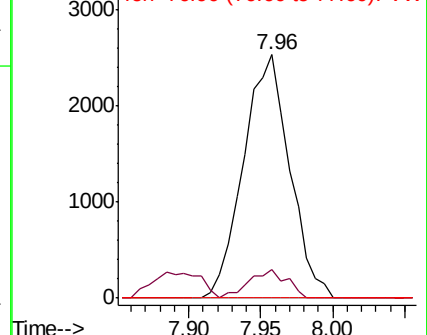
77 0.0 25.4 38.2#



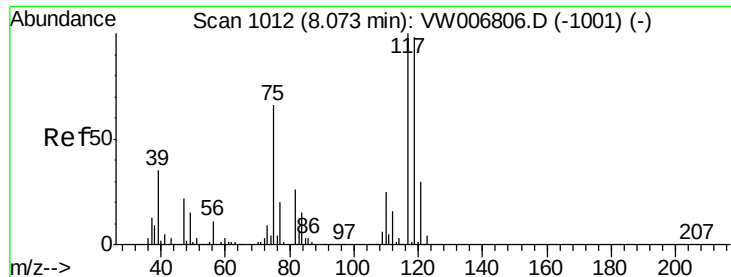
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



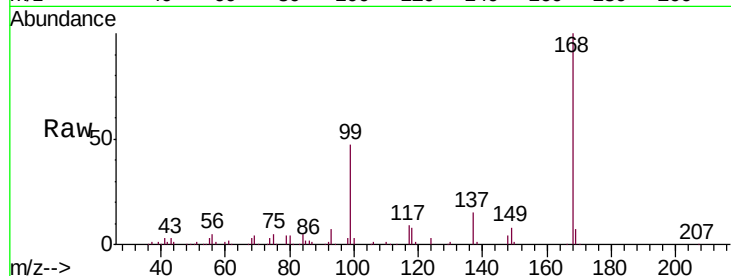




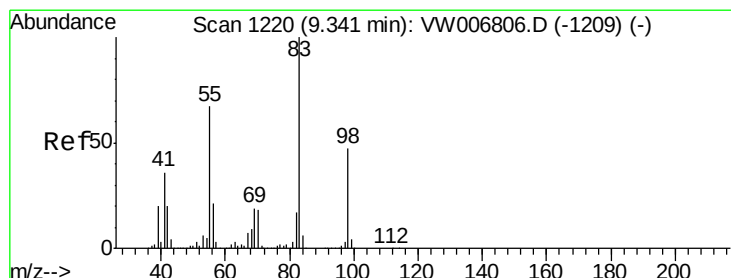
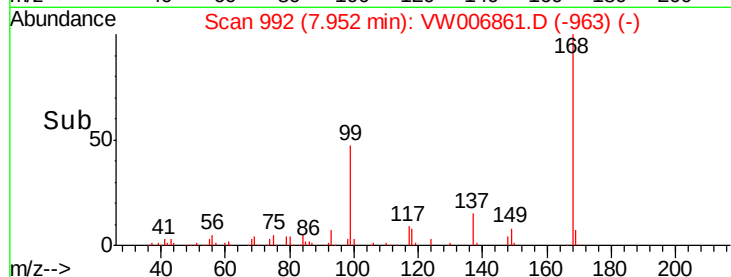
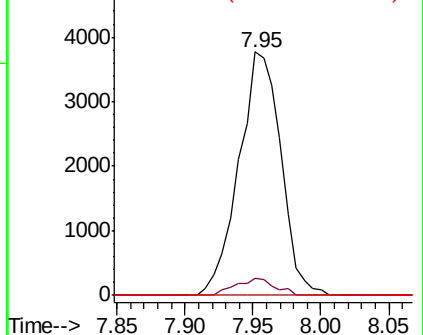
#38  
Carbon Tetrachloride  
Concen: 5.718 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.12 min  
Lab File: VW006861.D  
Acq: 13 Nov 2018 18:10

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-1

Tgt Ion: 117 Resp: 8153  
Ion Ratio Lower Upper  
117 100  
119 6.8 78.5 117.7#  
121 0.0 24.2 36.2#

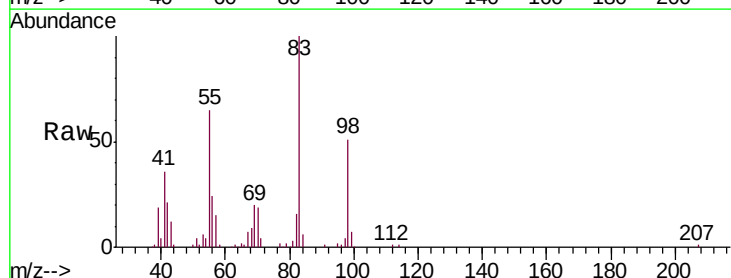


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

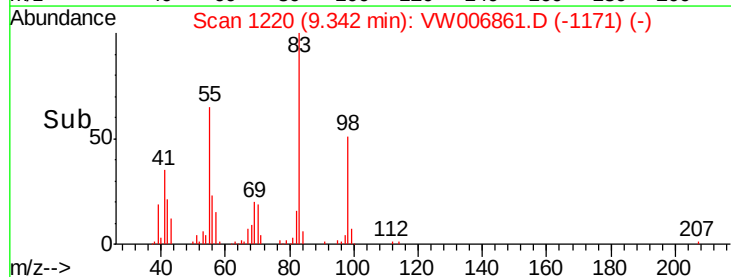
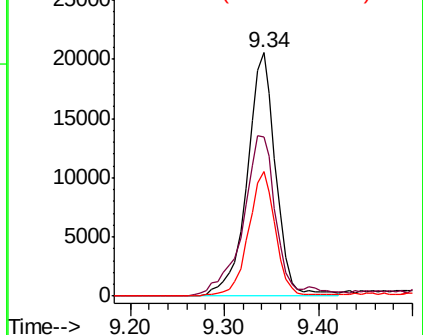


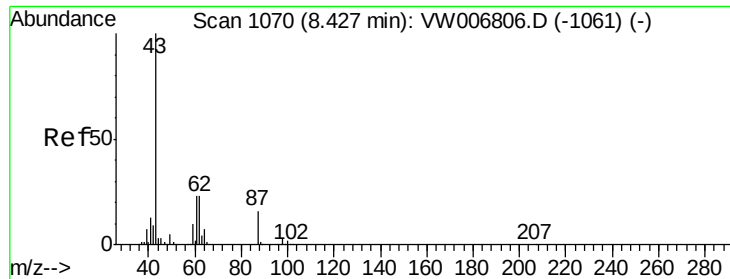
#39  
Methylcyclohexane  
Concen: 25.764 ug/l  
RT: 9.34 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: VW006861.D  
Acq: 13 Nov 2018 18:10

Tgt Ion: 83 Resp: 43853  
Ion Ratio Lower Upper  
83 100  
55 65.2 53.3 79.9  
98 51.3 37.9 56.9



Abundance Ion 83.00 (82.70 to 83.70): VW  
Ion 55.00 (54.70 to 55.70): VW  
Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 1.451 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

SB-1

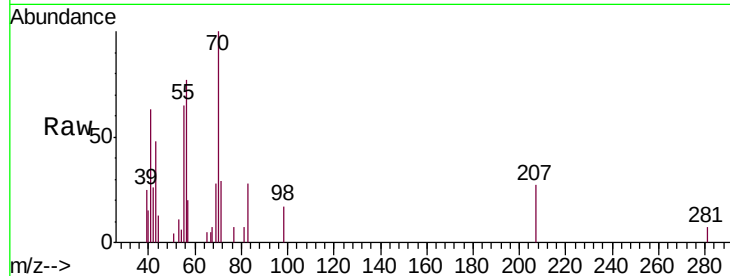
Tgt Ion: 43 Resp: 1211

Ion Ratio Lower Upper

43 100

61 0.0 27.0 40.4#

87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

8.43

600

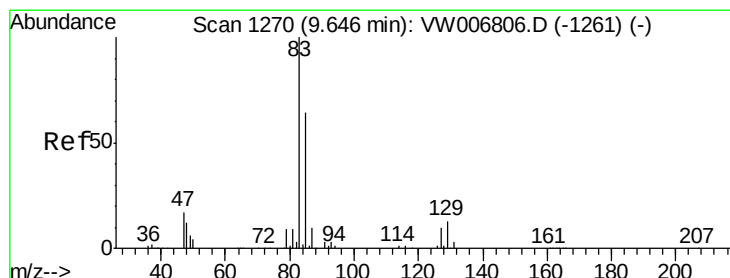
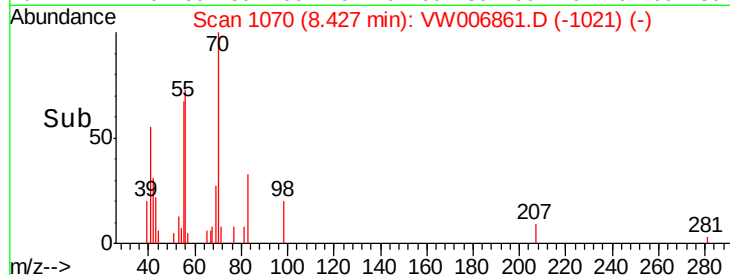
400

200

0

8.40 8.45

Time-->



#47

Bromodichloromethane

Concen: 1.647 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

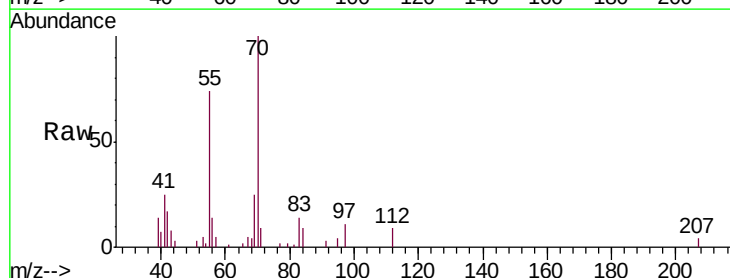
Tgt Ion: 83 Resp: 1933

Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

127 0.0 7.6 11.4#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

9.62

800

600

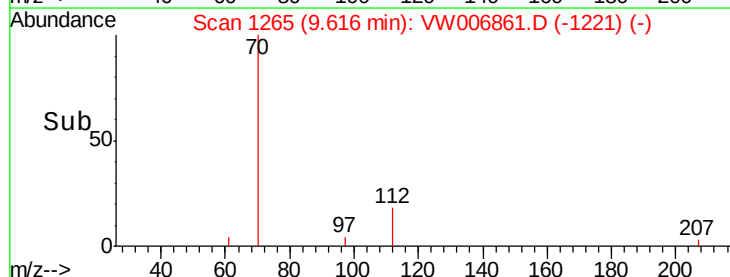
400

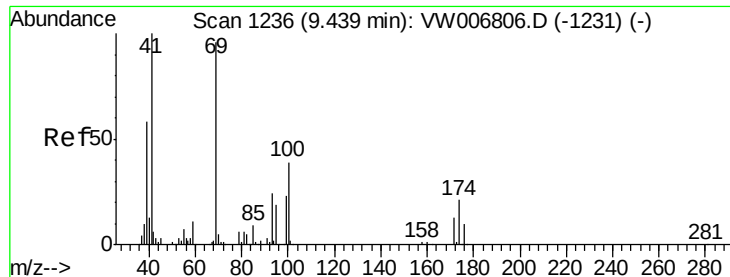
200

0

9.55 9.60 9.65 9.70

Time-->

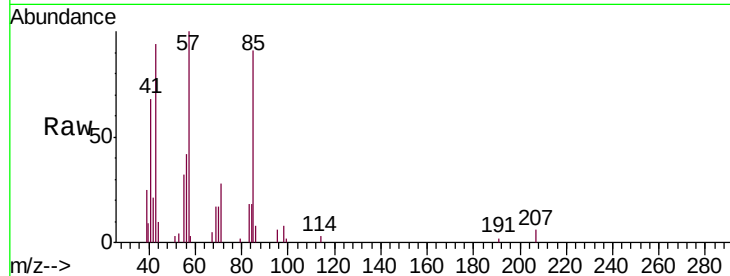




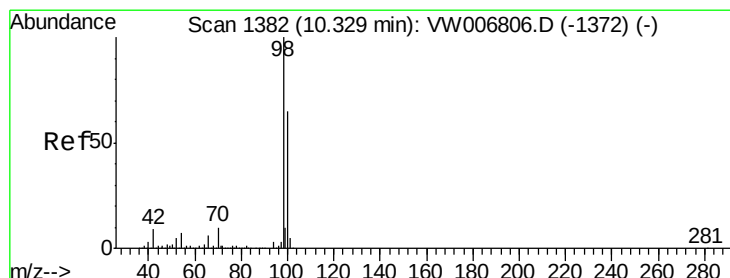
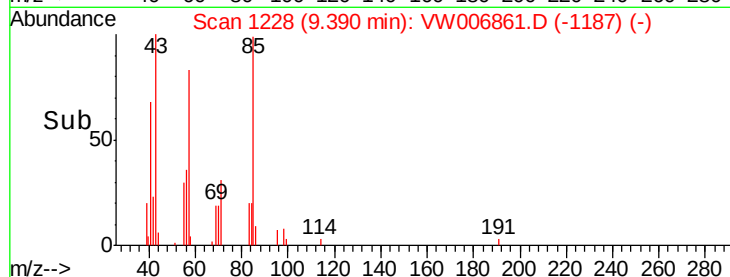
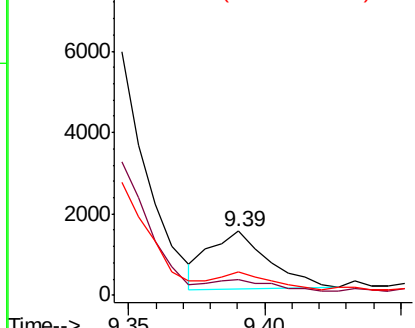
#48  
Methyl methacrylate  
Concen: 5.234 ug/l  
RT: 9.39 min Scan# 1228  
Delta R.T. -0.05 min  
Lab File: VW006861.D  
Acq: 13 Nov 2018 18:10

Instrument :  
MSVOA\_W  
ClientSampled :  
SB-1

Tgt Ion: 41 Resp: 2141  
Ion Ratio Lower Upper  
41 100  
69 20.8 79.8 119.6#  
39 27.2 45.9 68.9#

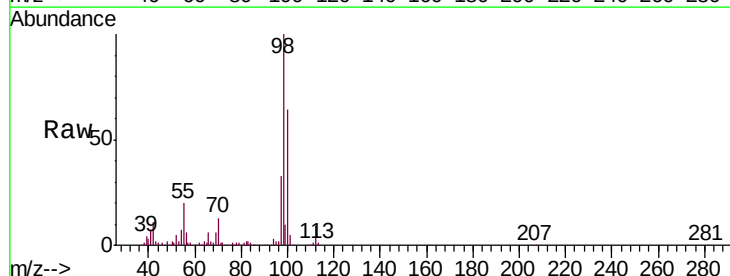


Abundance Ion 41.00 (40.70 to 41.70): VW  
Ion 69.00 (68.70 to 69.70): VW  
Ion 39.00 (38.70 to 39.70): VW

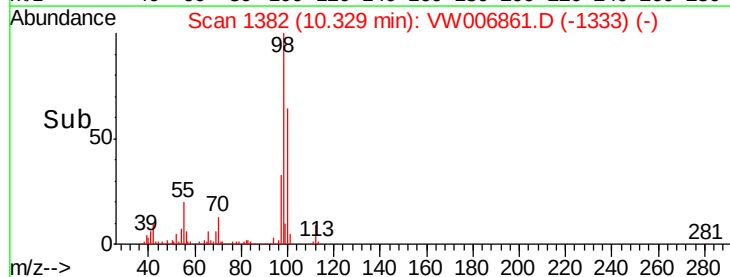
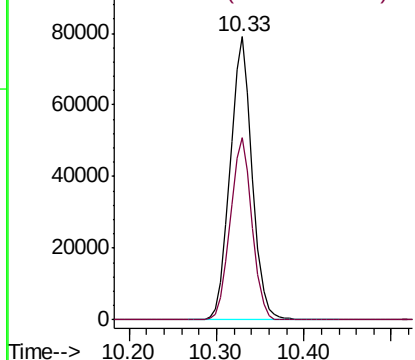


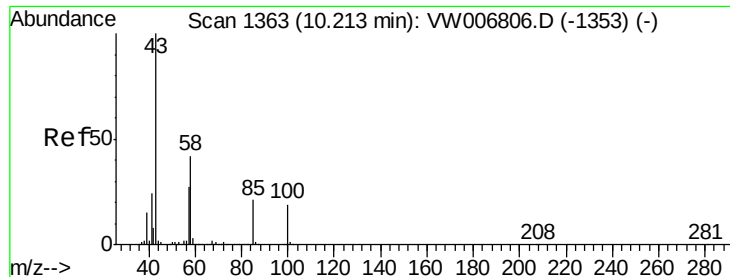
#50  
Toluene-d8  
Concen: 39.879 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW006861.D  
Acq: 13 Nov 2018 18:10

Tgt Ion: 98 Resp: 137988  
Ion Ratio Lower Upper  
98 100  
100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW  
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 6.903 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampled :

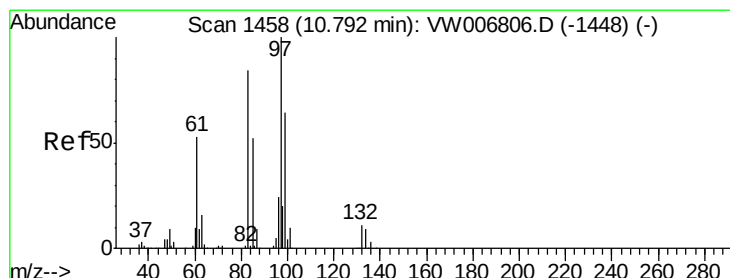
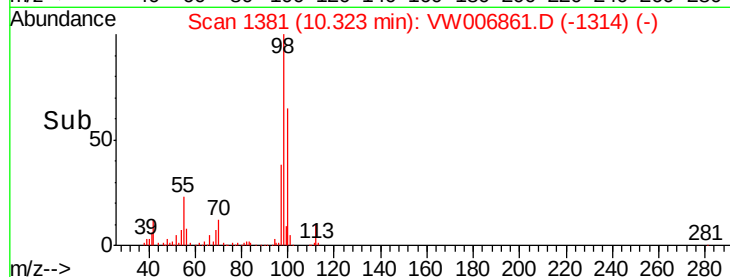
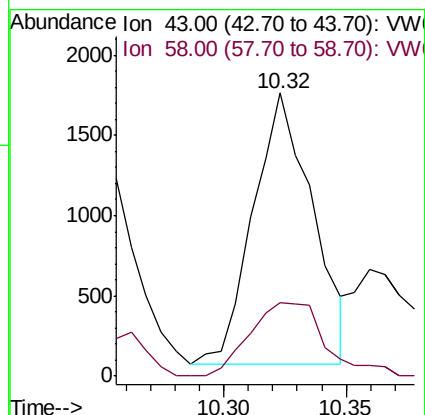
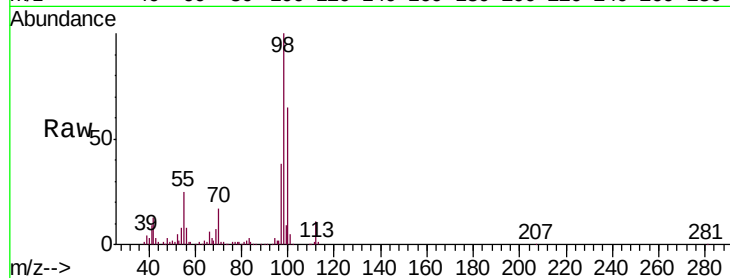
SB-1

Tgt Ion: 43 Resp: 2888

Ion Ratio Lower Upper

43 100

58 34.2 34.0 51.0



#55

1,1,2-Trichloroethane

Concen: 28.412 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Tgt Ion: 97 Resp: 19954

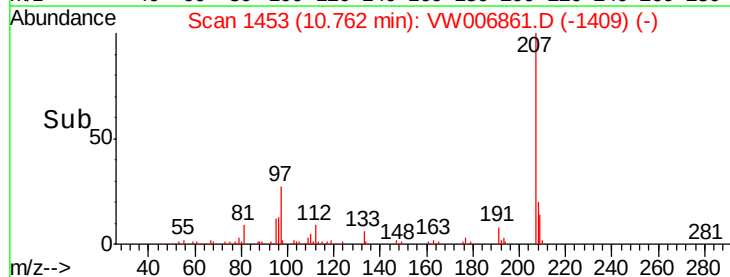
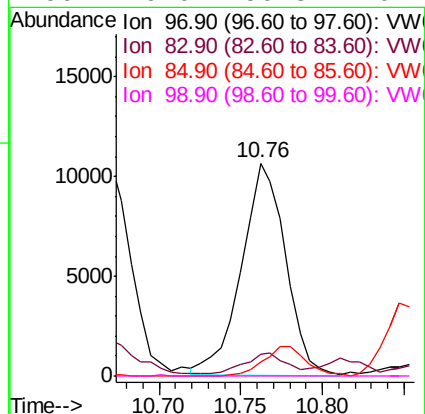
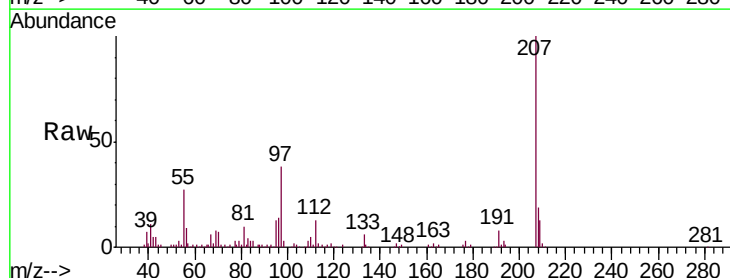
Ion Ratio Lower Upper

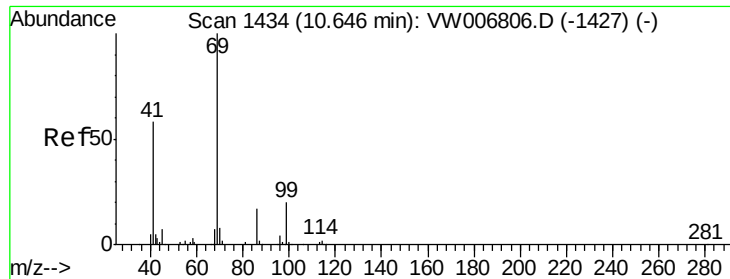
97 100

83 9.2 67.0 100.4#

85 7.0 41.7 62.5#

99 0.0 50.8 76.2#





#56

Ethyl methacrylate

Concen: 7.377 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampled :

SB-1

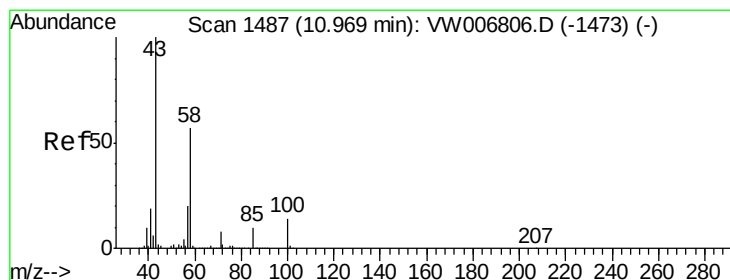
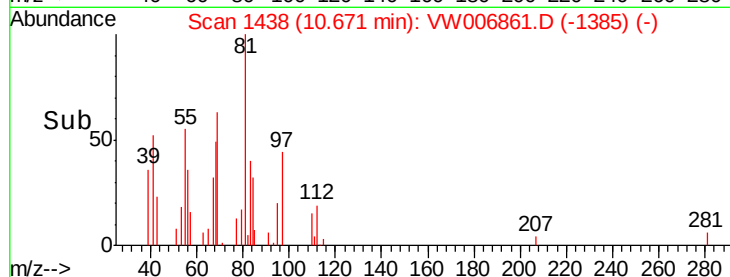
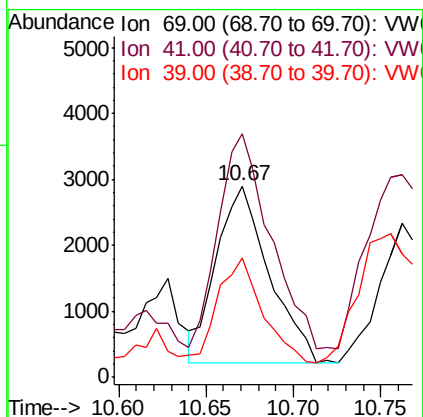
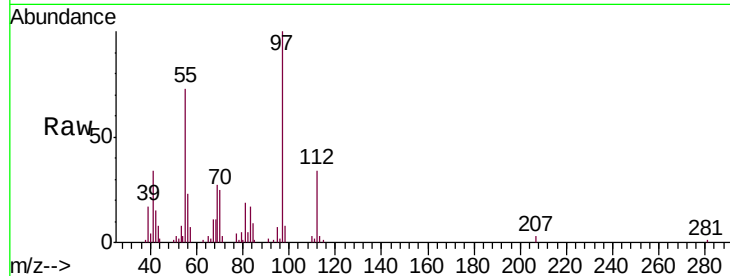
Tgt Ion: 69 Resp: 5678

Ion Ratio Lower Upper

69 100

41 132.1 47.0 70.4#

39 55.4 23.1 34.7#



#59

2-Hexanone

Concen: 60.880 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW006861.D

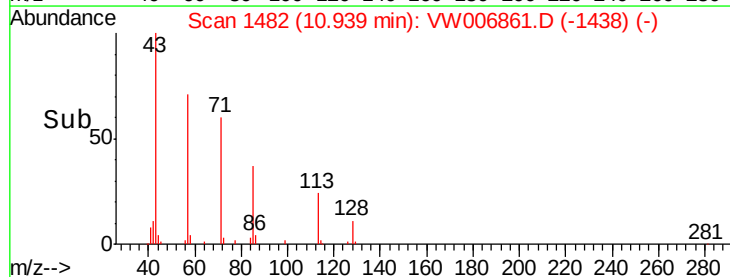
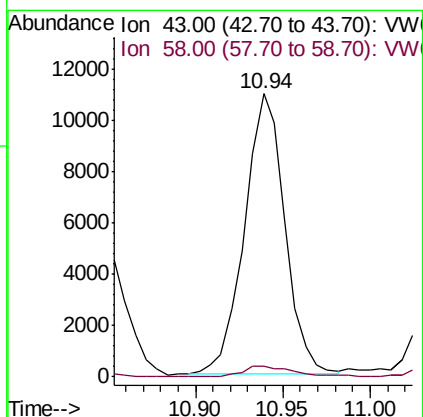
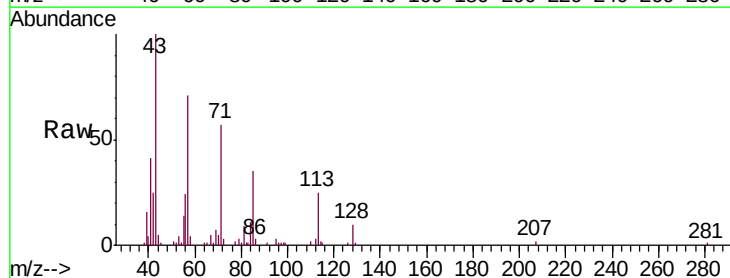
Acq: 13 Nov 2018 18:10

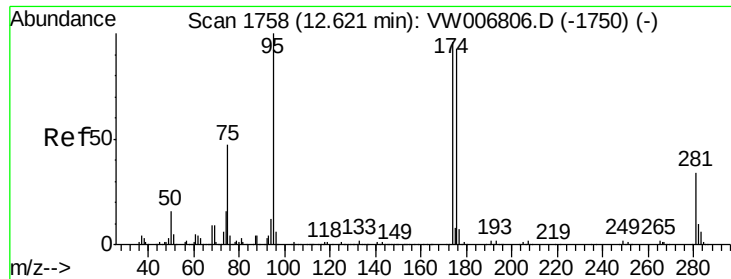
Tgt Ion: 43 Resp: 17568

Ion Ratio Lower Upper

43 100

58 4.9 28.7 86.1#

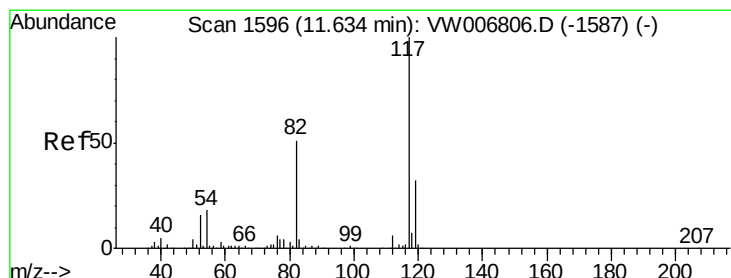
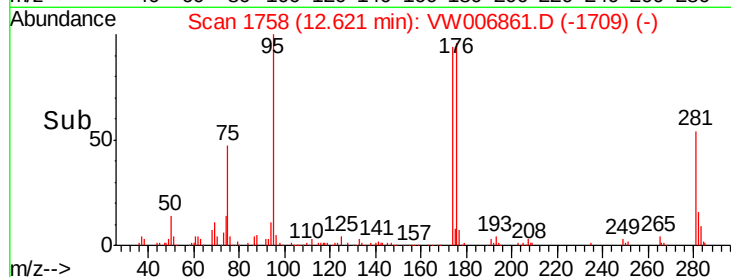
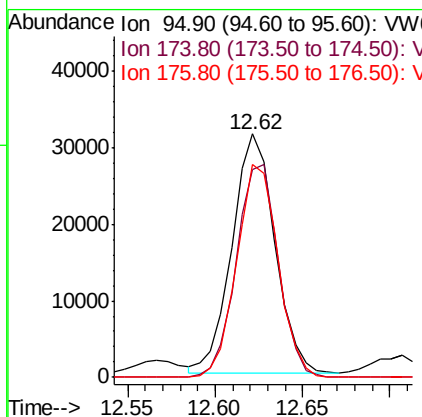
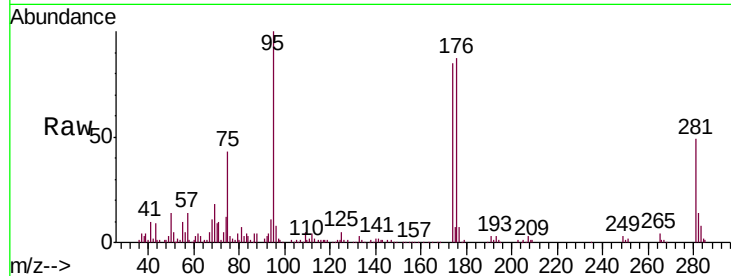




#62  
4-Bromofluorobenzene  
Concen: 41.735 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW006861.D  
Acq: 13 Nov 2018 18:10

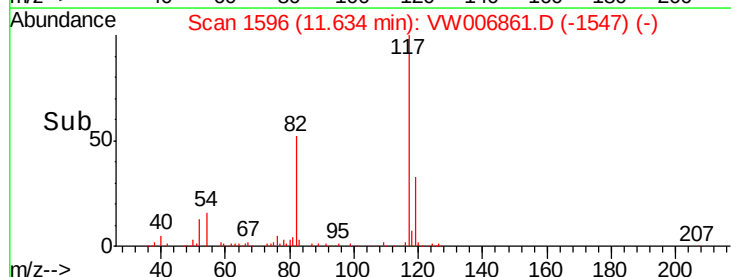
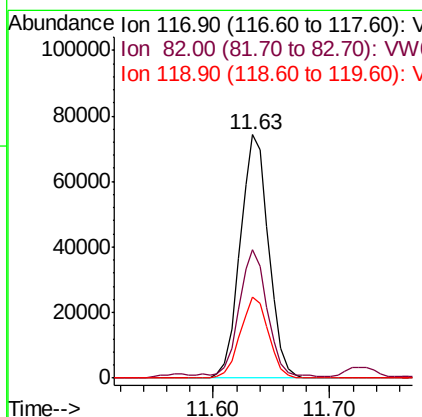
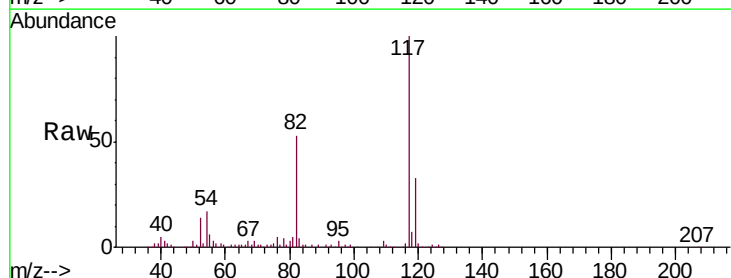
Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-1

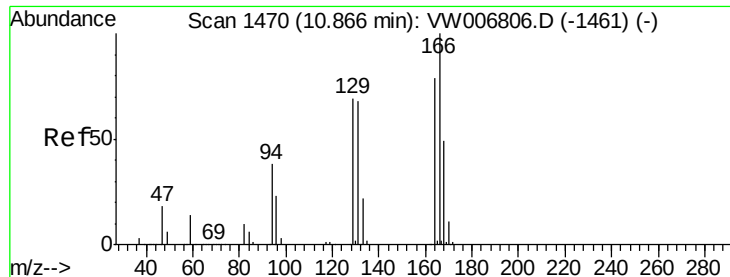
Tgt Ion: 95 Resp: 53188  
Ion Ratio Lower Upper  
95 100  
174 87.2 0.0 196.6  
176 86.0 0.0 191.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006861.D  
Acq: 13 Nov 2018 18:10

Tgt Ion: 117 Resp: 125944  
Ion Ratio Lower Upper  
117 100  
82 51.5 40.6 61.0  
119 33.0 25.5 38.3





#64

Tetrachloroethene

Concen: 1.446 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

SB-1

Tgt Ion:164 Resp: 1459

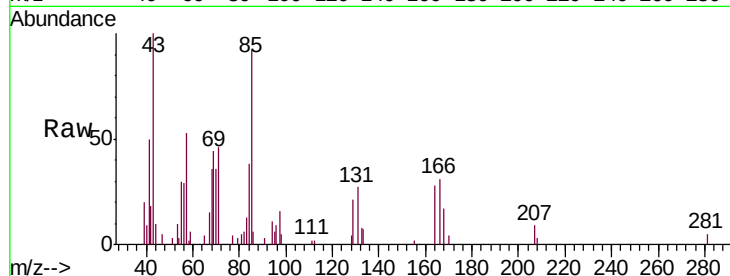
Ion Ratio Lower Upper

164 100

166 110.0 101.3 151.9

129 72.4 69.6 104.4

131 93.6 68.7 103.1



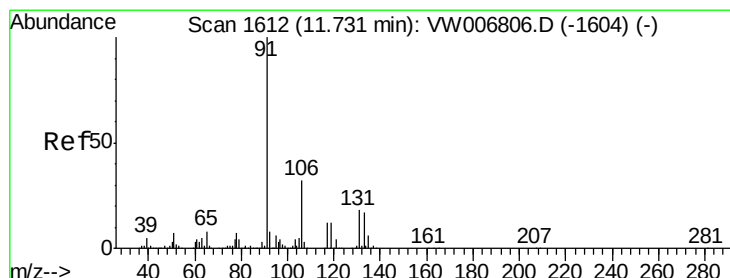
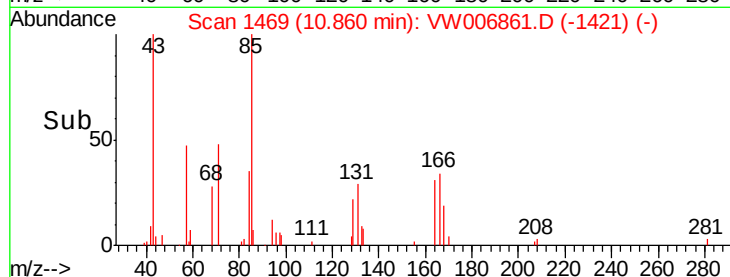
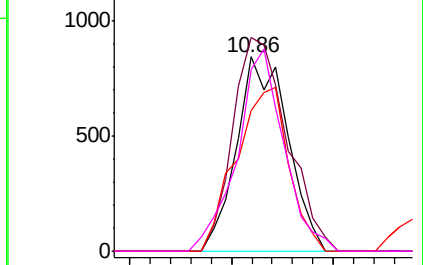
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 14.279 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006861.D

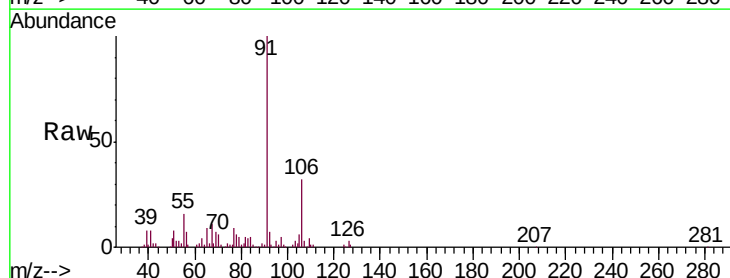
Acq: 13 Nov 2018 18:10

Tgt Ion: 91 Resp: 68016

Ion Ratio Lower Upper

91 100

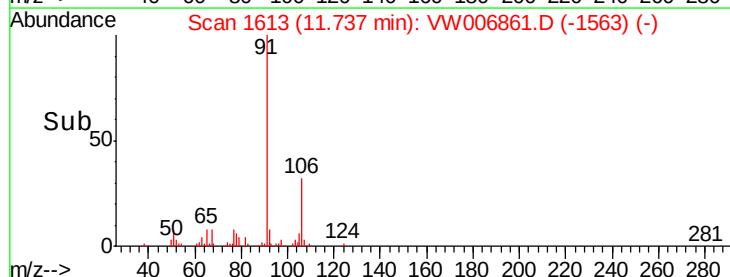
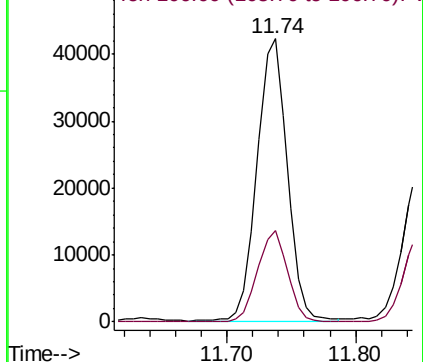
106 32.4 25.4 38.0

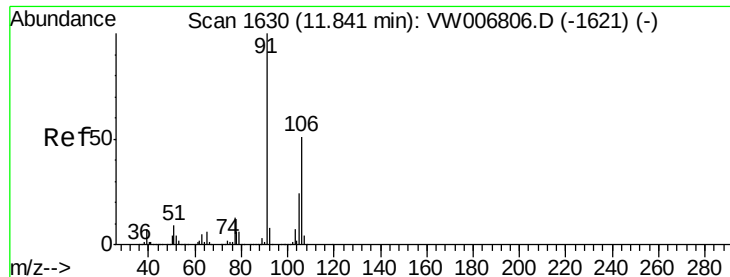


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

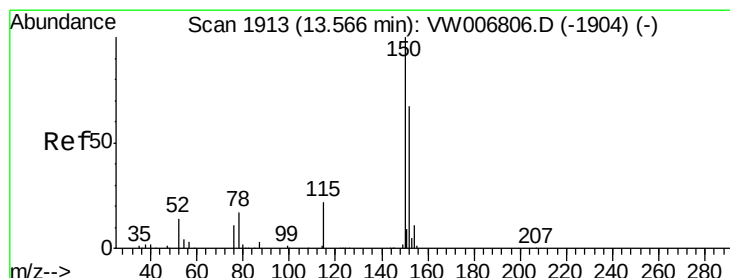
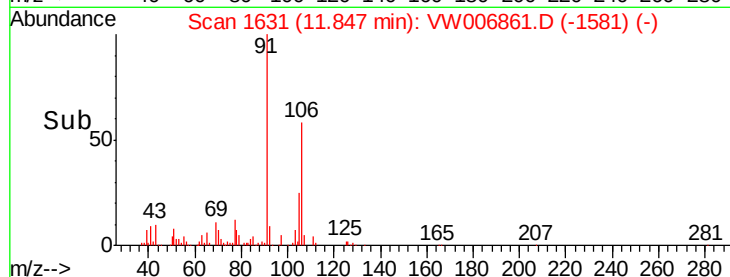
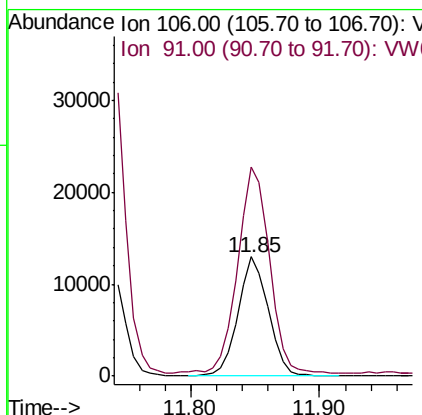
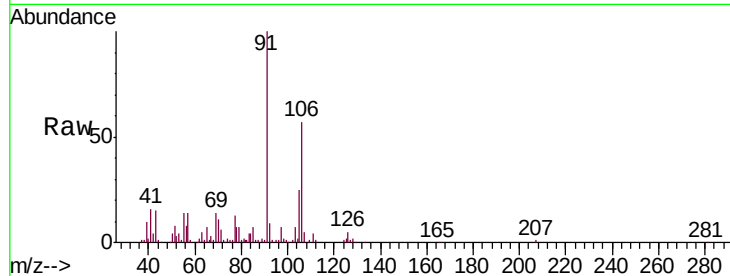




#68  
m/p-Xylenes  
Concen: 10.868 ug/l  
RT: 11.85 min Scan# 1631  
Delta R.T. 0.01 min  
Lab File: VW006861.D  
Acq: 13 Nov 2018 18:10

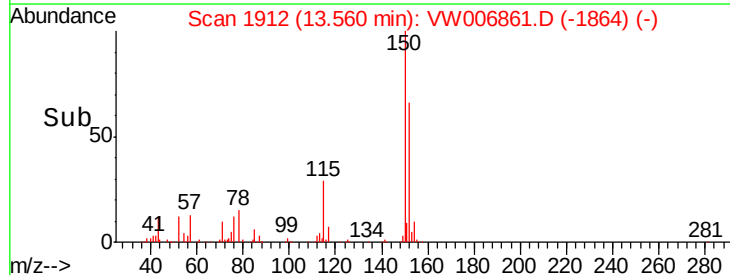
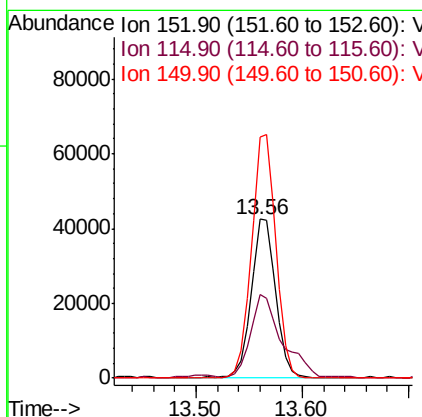
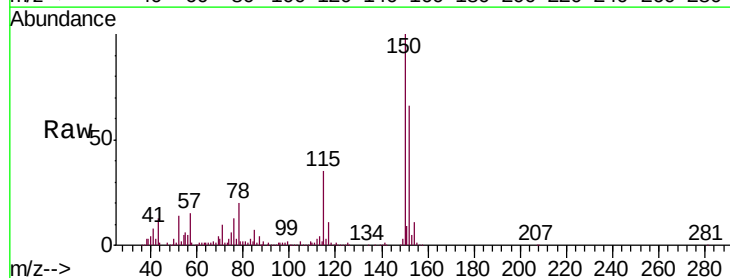
Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-1

Tgt Ion:106 Resp: 21180  
Ion Ratio Lower Upper  
106 100  
91 181.0 155.7 233.5

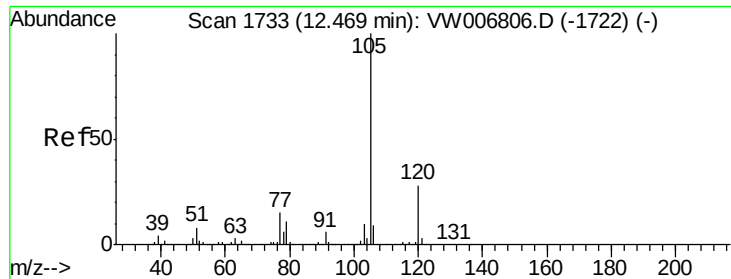


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. -0.01 min  
Lab File: VW006861.D  
Acq: 13 Nov 2018 18:10

Tgt Ion:152 Resp: 67886  
Ion Ratio Lower Upper  
152 100  
115 66.2 27.3 81.8  
150 154.1 0.0 353.0







#73

Isopropylbenzene

Concen: 7.149 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

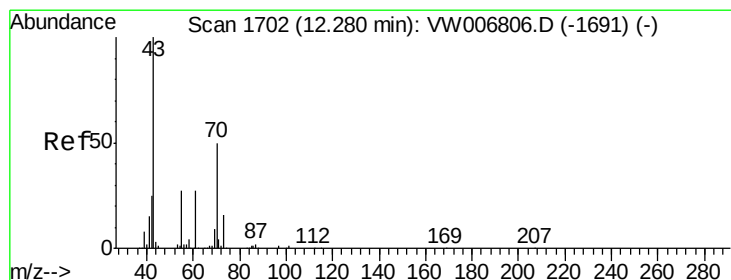
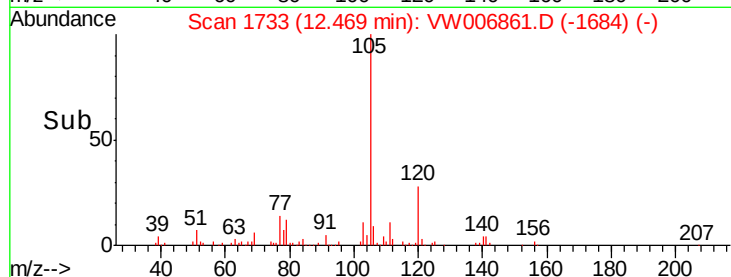
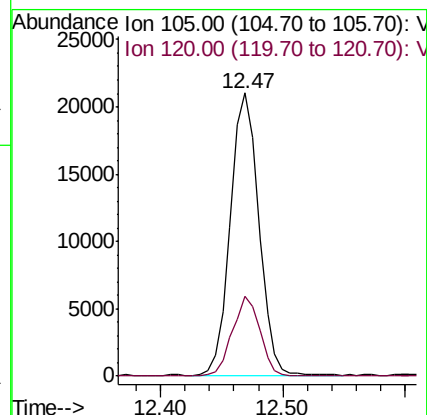
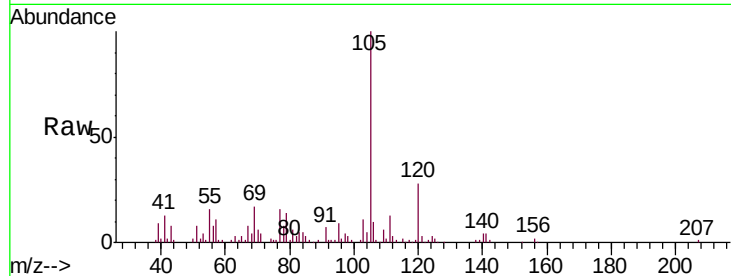
SB-1

Tgt Ion:105 Resp: 33687

Ion Ratio Lower Upper

105 100

120 27.3 14.0 42.0



#74

N-ethyl acetate

Concen: 22.108 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Tgt Ion: 43 Resp: 15752

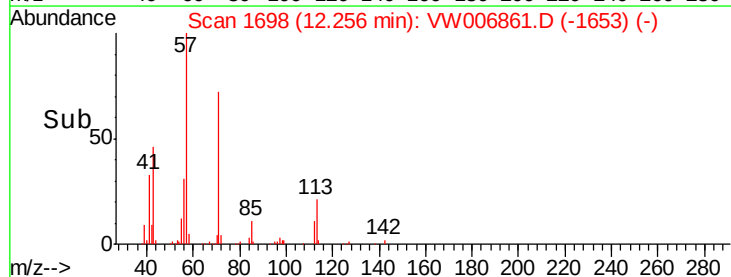
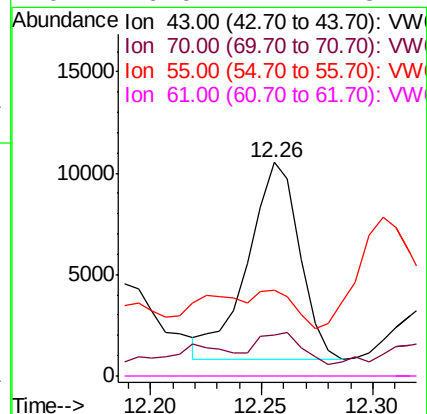
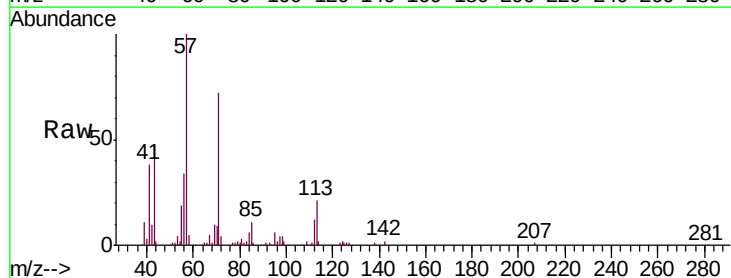
Ion Ratio Lower Upper

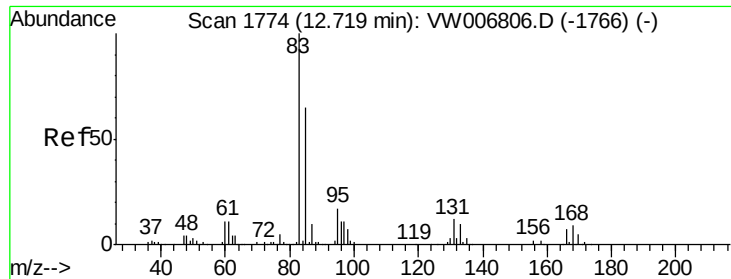
43 100

70 14.3 39.0 58.4#

55 0.0 22.1 33.1#

61 0.0 21.1 31.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.332 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

SB-1

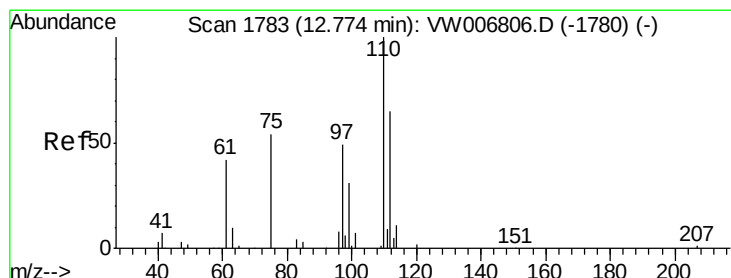
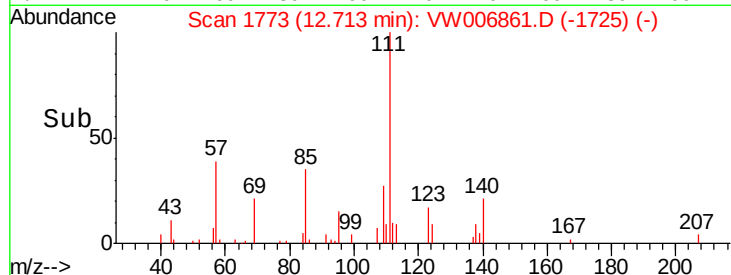
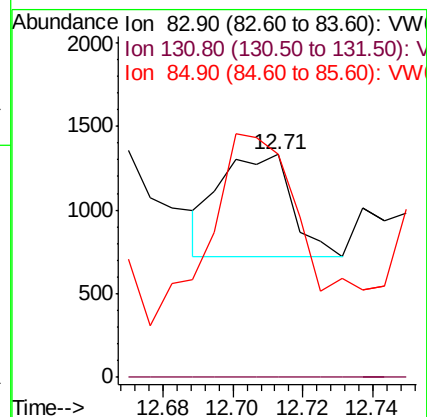
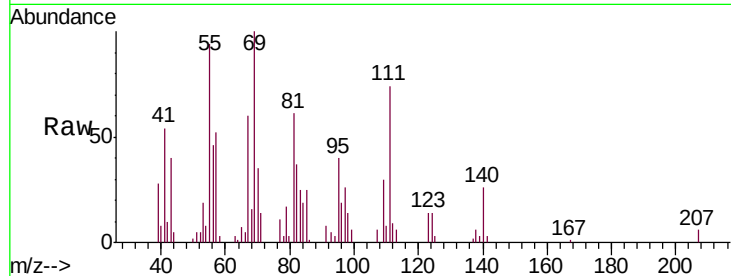
Tgt Ion: 83 Resp: 868

Ion Ratio Lower Upper

83 100

131 0.0 6.1 18.3#

85 283.4 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 2.201 ug/l

RT: 12.82 min Scan# 1790

Delta R.T. 0.04 min

Lab File: VW006861.D

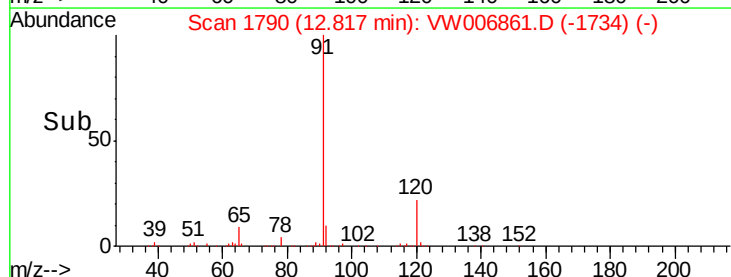
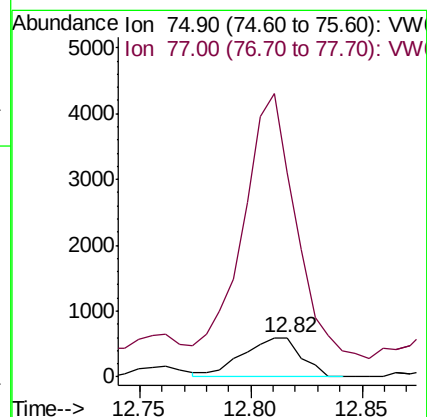
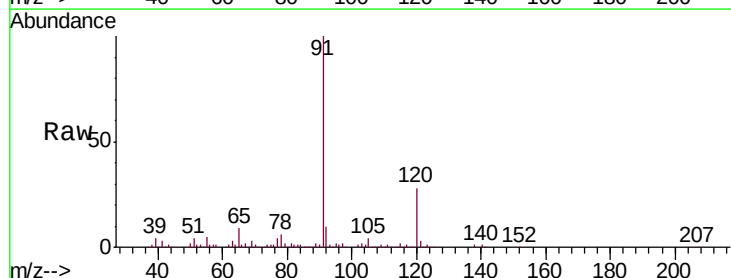
Acq: 13 Nov 2018 18:10

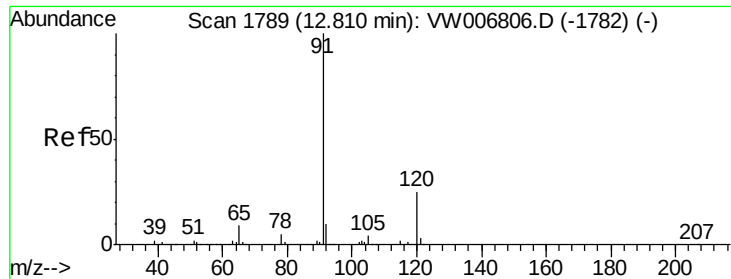
Tgt Ion: 75 Resp: 1077

Ion Ratio Lower Upper

75 100

77 610.0 0.0 0.0#





#78

n-propylbenzene

Concen: 28.656 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

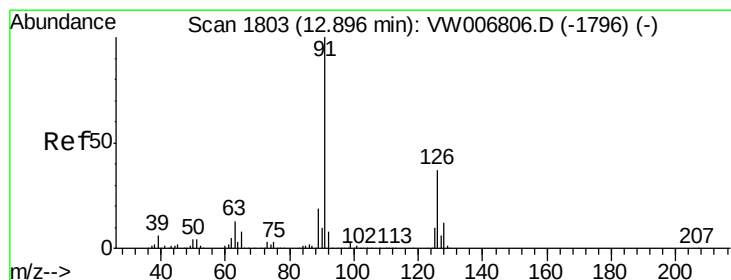
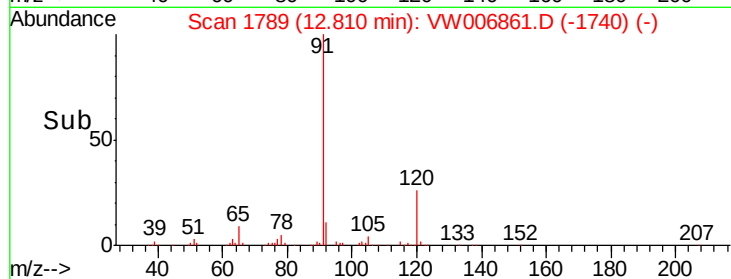
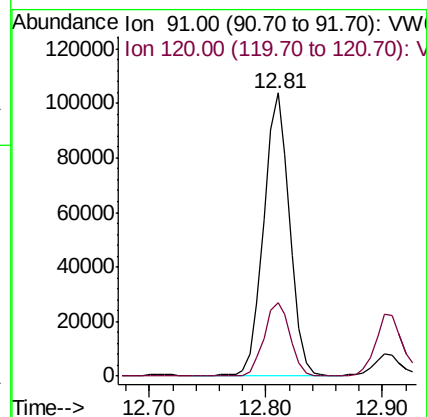
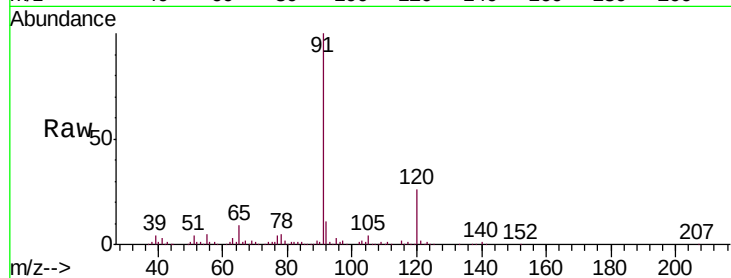
SB-1

Tgt Ion: 91 Resp: 159371

Ion Ratio Lower Upper

91 100

120 26.4 12.4 37.4



#79

2-Chlorotoluene

Concen: 3.875 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW006861.D

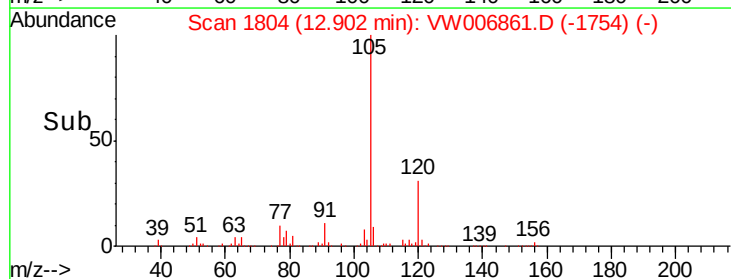
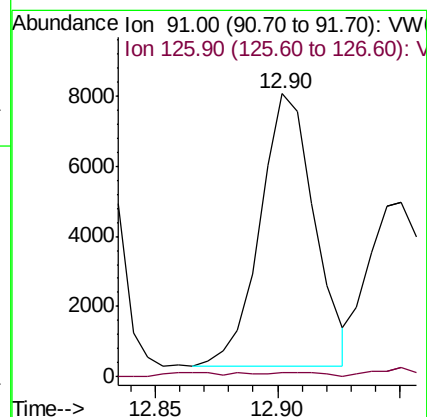
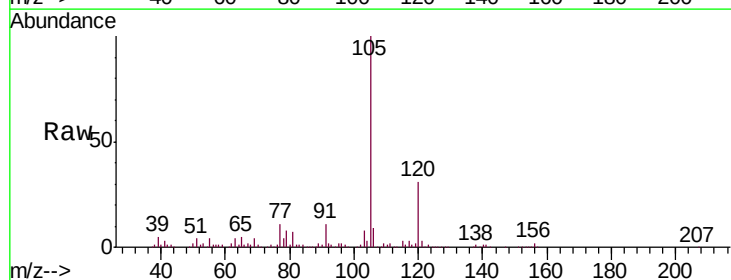
Acq: 13 Nov 2018 18:10

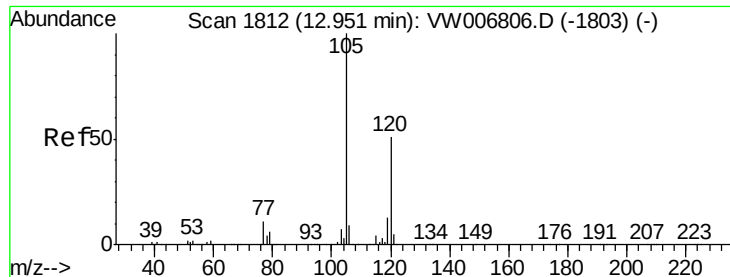
Tgt Ion: 91 Resp: 12090

Ion Ratio Lower Upper

91 100

126 2.2 18.5 55.5#





#80

1,3,5-Trimethylbenzene

Concen: 18.860 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampled :

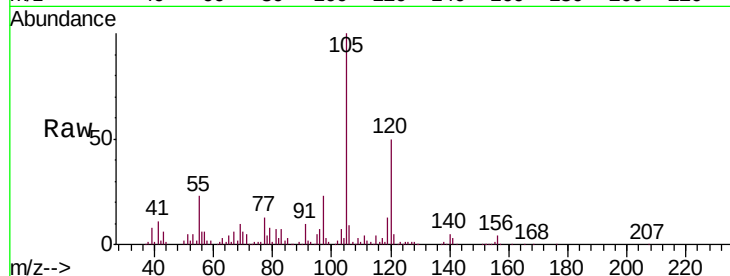
SB-1

Tgt Ion: 105 Resp: 76400

Ion Ratio Lower Upper

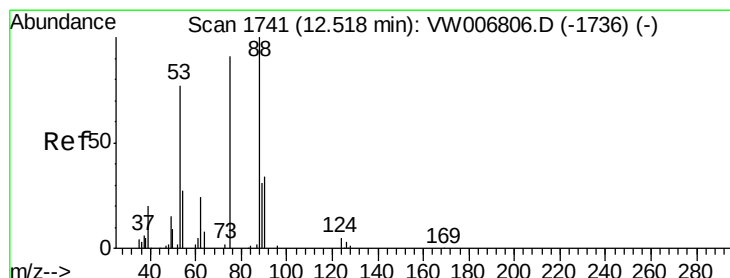
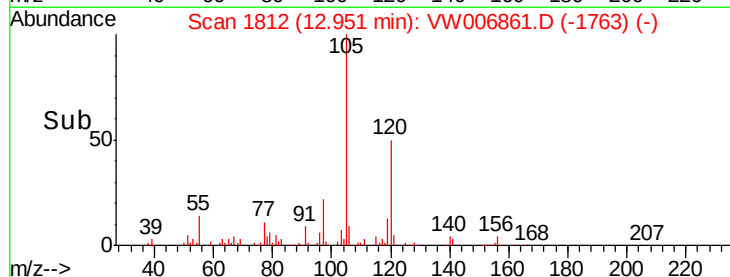
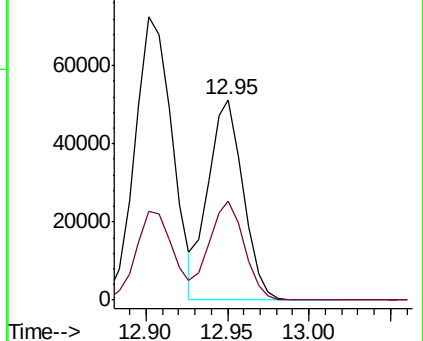
105 100

120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 107.997 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

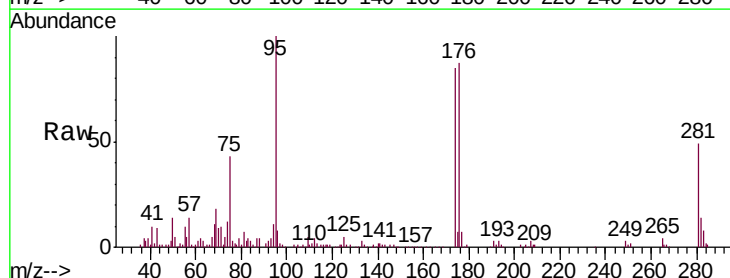
Tgt Ion: 75 Resp: 21360

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

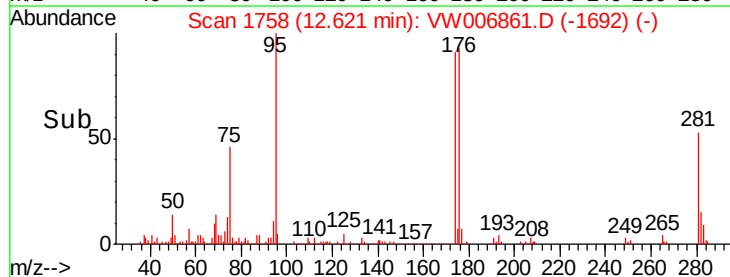
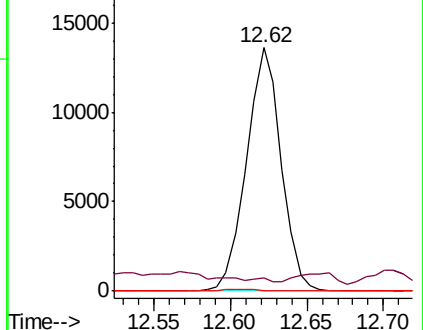
89 0.6 38.7 58.1#

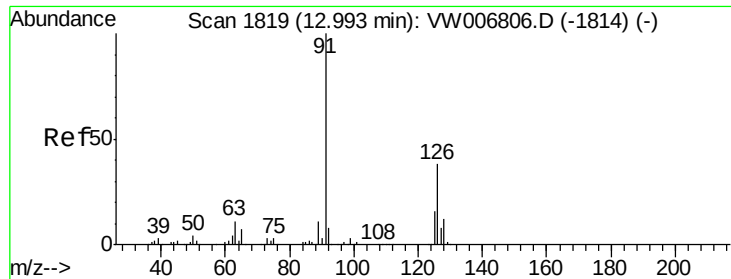


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82

4-Chlorotoluene

Concen: 2.212 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampled :

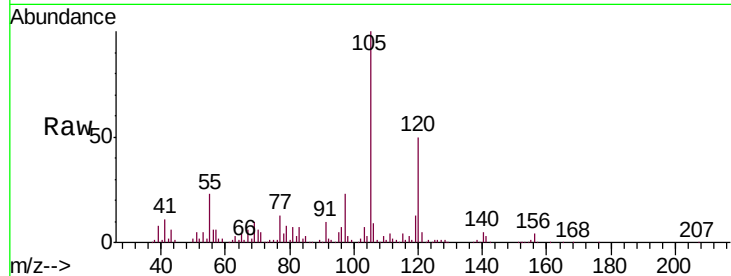
SB-1

Tgt Ion: 91 Resp: 7364

Ion Ratio Lower Upper

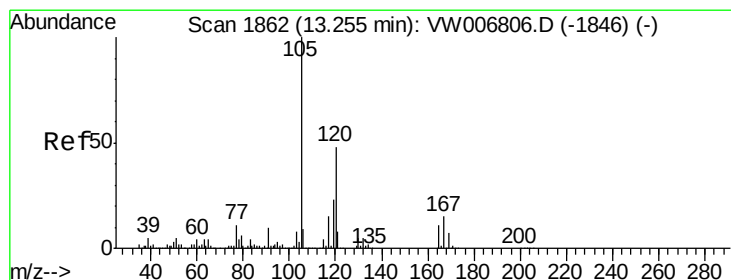
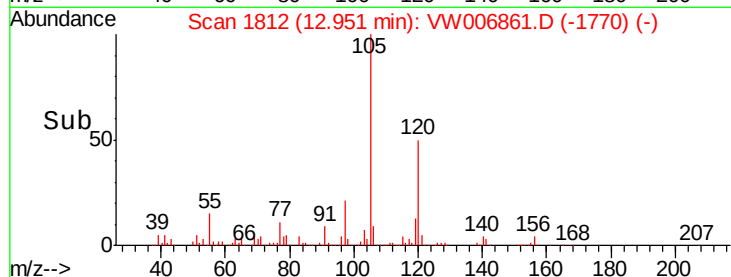
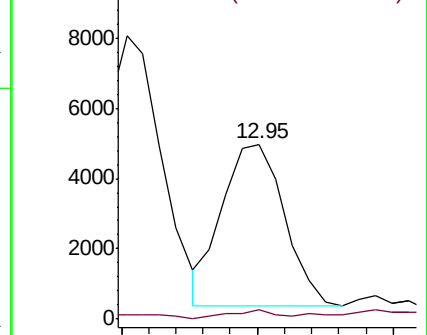
91 100

126 4.4 18.4 55.2#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#84

1,2,4-Trimethylbenzene

Concen: 63.631 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006861.D

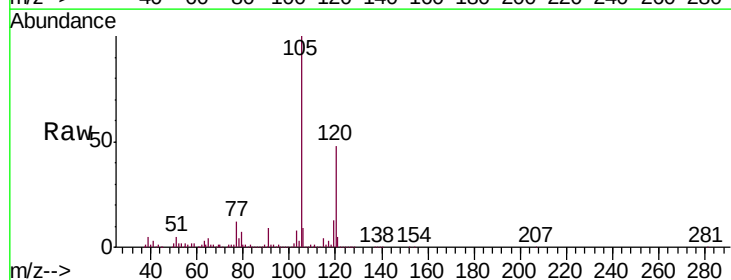
Acq: 13 Nov 2018 18:10

Tgt Ion: 105 Resp: 262320

Ion Ratio Lower Upper

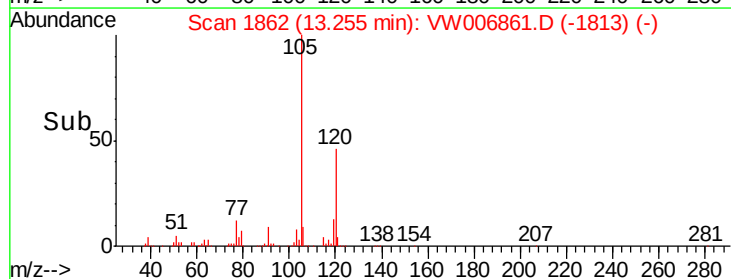
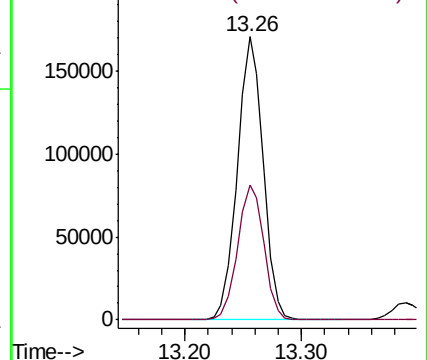
105 100

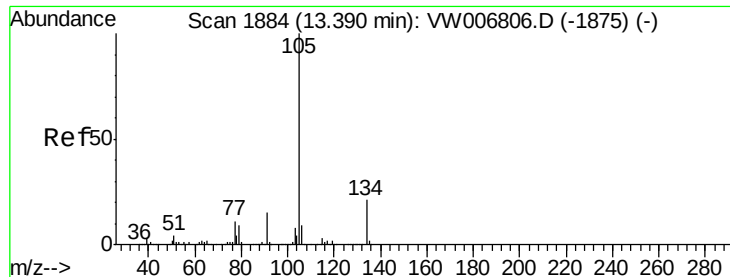
120 48.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.326 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

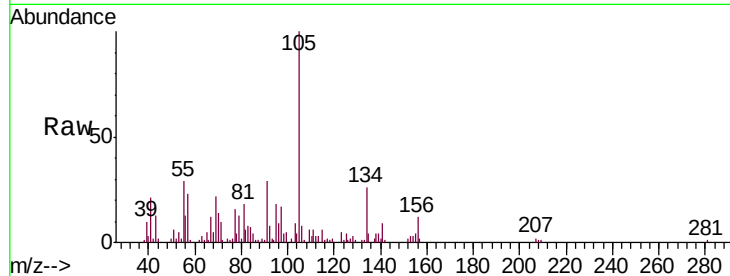
SB-1

Tgt Ion:105 Resp: 16875

Ion Ratio Lower Upper

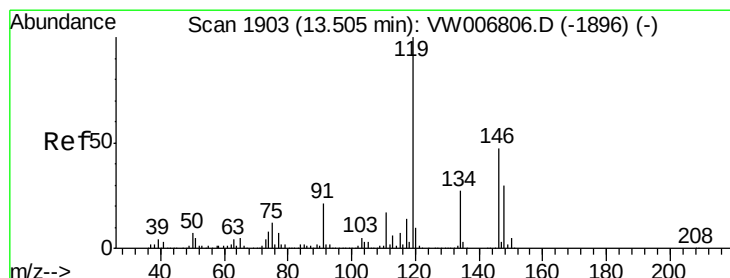
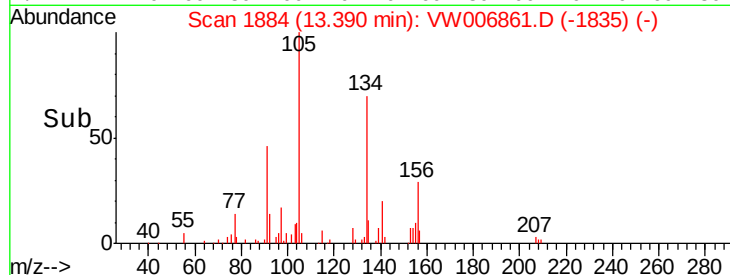
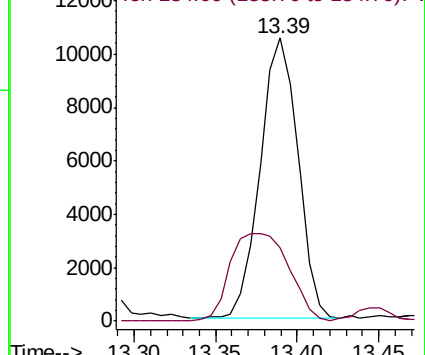
105 100

134 48.8 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.732 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

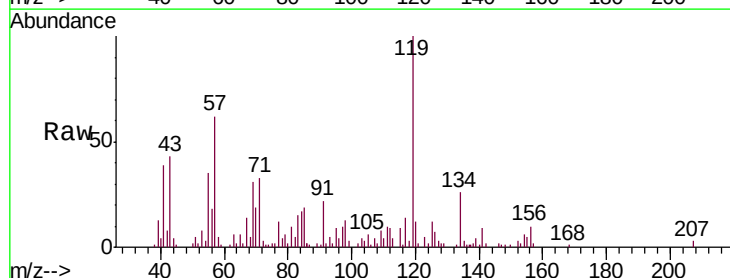
Tgt Ion:119 Resp: 12610

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

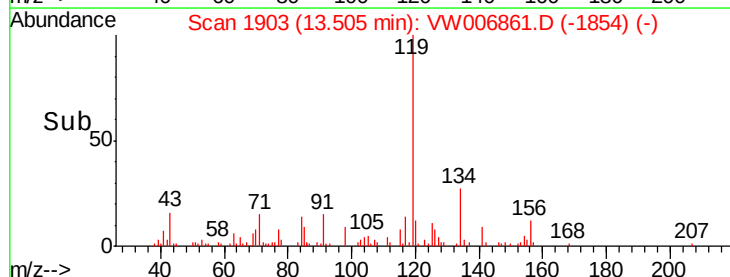
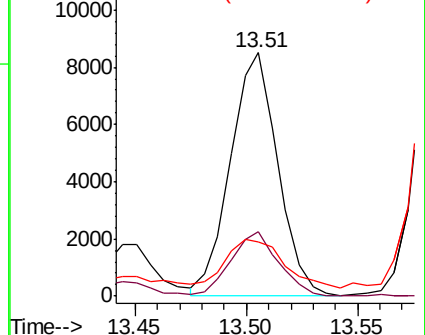
91 23.9 10.8 32.4

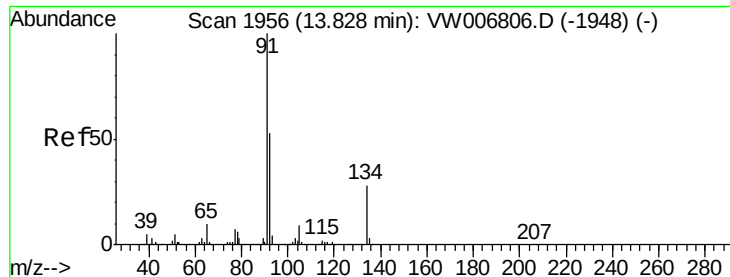


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 15.836 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampled :

SB-1

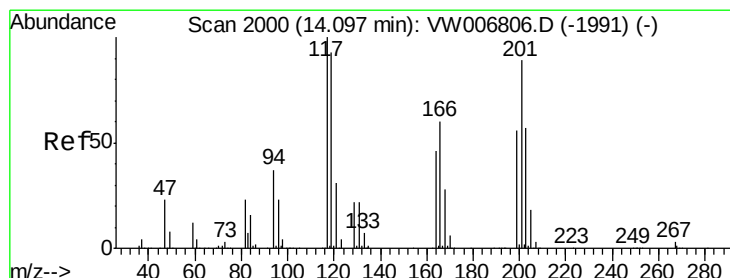
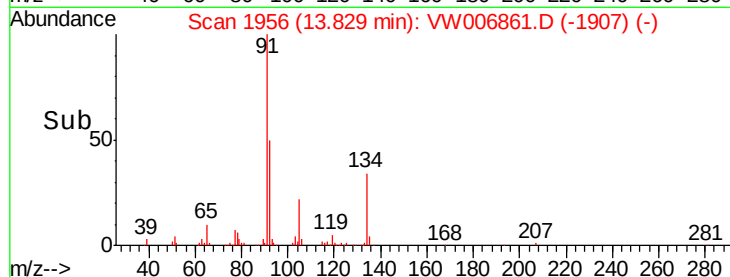
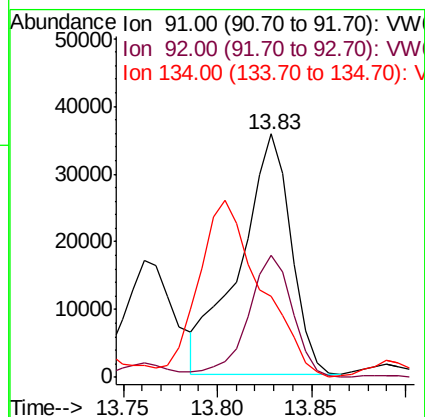
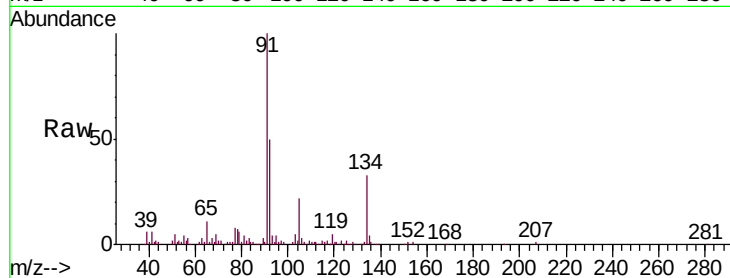
Tgt Ion: 91 Resp: 66794

Ion Ratio Lower Upper

91 100

92 44.3 26.5 79.4

134 0.0 14.4 43.2#



#90

Hexachloroethane

Concen: 26.146 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006861.D

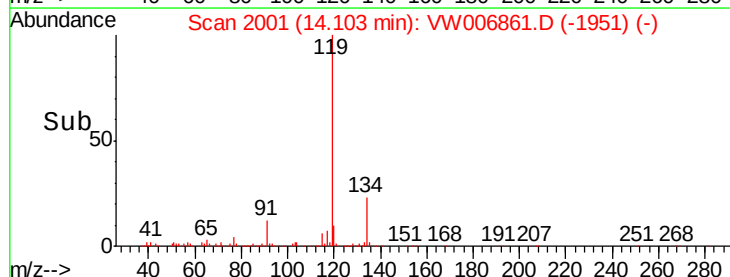
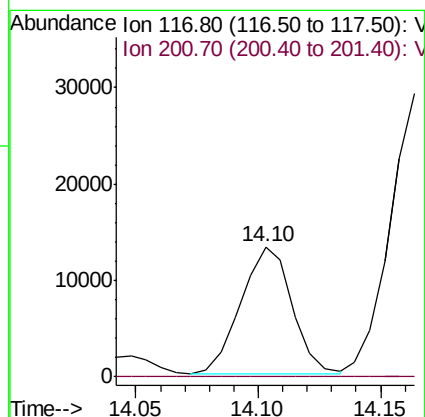
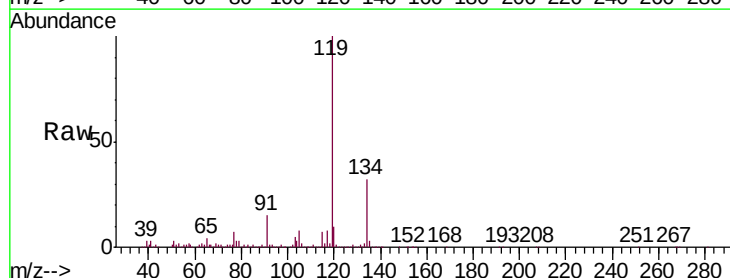
Acq: 13 Nov 2018 18:10

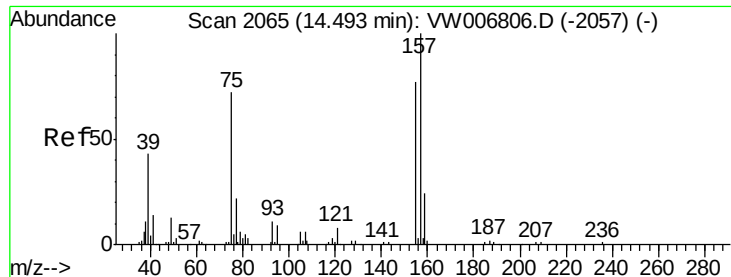
Tgt Ion: 117 Resp: 19309

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.708 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA\_W

ClientSampleId :

SB-1

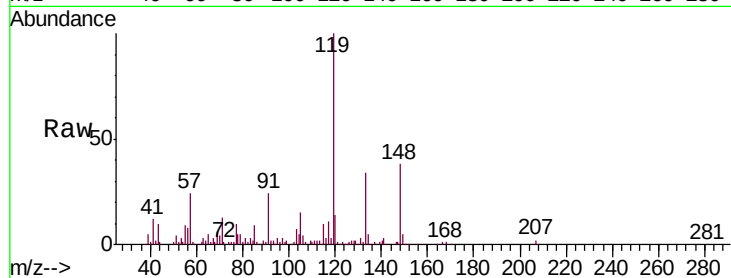
Tgt Ion: 75 Resp: 387

Ion Ratio Lower Upper

75 100

155 4.9 51.0 153.1#

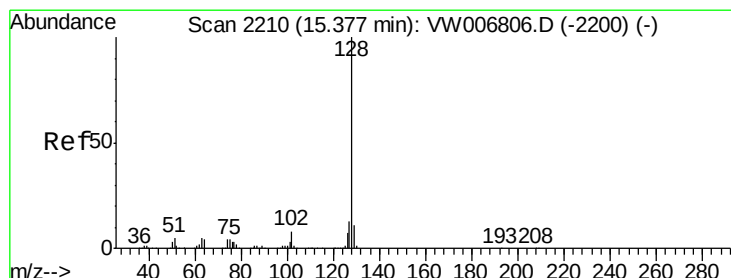
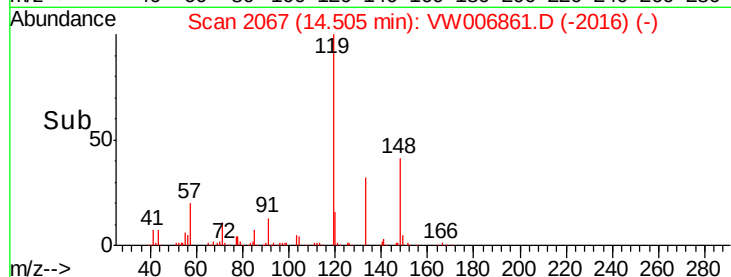
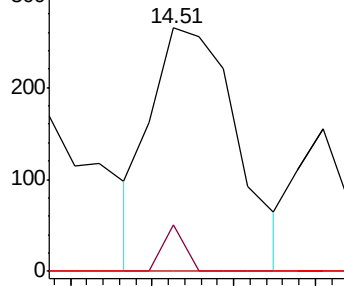
157 0.0 67.4 202.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 33.907 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

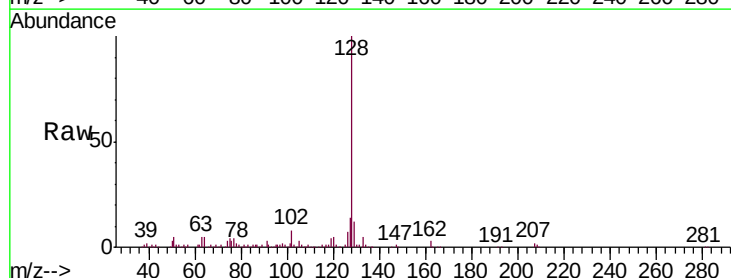
Tgt Ion: 128 Resp: 80733

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

